

REPORT

OF THE

DEPARTMENT OF PUBLIC HEALTH

SAN FRANCISCO, CALIFORNIA

FOR THE

FISCAL YEAR JULY 1, 1916—JUNE 30, 1917

ARTHUR H. BARENDT, President.

GUY E. MANNING, M. D.

LAWRENCE ARNSTEIN.

A. P. O'BRIEN, M. D.

FRANK J. KLIMM.

GEORGE B. SOMERS, M. D.

ARTHUR M. SHARP.

WM. C. HASSLER, M. D., Health Officer.

GEO. M. CONVERSE, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

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"A"

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San Francisco, California, August 15, 1917.

Honorable James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:—In conformity with the provisions of Section 9, Article XVI, of the Charter of the City and County of San Francisco, I have the honor to submit herewith a report of the Department of Public Health covering the fiscal year ending June 30, 1917.

In formulating its report for the two previous fiscal years, this Department adopted the recommendation of the American Public Health Association, namely that an effort be made to create a uniformity in the style of Health reports for American cities, and in this report we will follow the procedure thus inaugurated. We repeat here the plan of arrangement as set forth by the Public Health Association:

- “A”, Title page.
- “B”, Composition of the Board of Health.
- “C”, Financial Statement.
- “D”, Diseases Dangerous to Public Health.
- “E”, Infant Mortality.
- “F”, School Inspection.
- “G”, Food inspection.
- “H”, Nuisances.
- “I”, Municipal Wastes.
- “J”, Inspection of Plumbing.
- “K”, Research, Education and Publicity Work.
- “L”, Other Work Done During the Year.
- “M”, Rules Passed Since Last Report.
- “N”, Local Problems.
- “O”, Recommendations.
- “P”, Vital Statistics.

"A"

TITLE PAGE

The title page of this report will show the following names as constituting the membership of this board:

Arthur H. Barendt, President

Guy E. Manning, M. D.

Lawrence Arnstein

A. P. O'Brien, M. D.

Frank J. Klimm

Geo. B. Somers, M. D.

Arthur M. Sharp

"B"

COMPOSITION OF THE BOARD OF HEALTH

No change has taken place in the composition or the personnel of the Board since the previous fiscal year (three physicians, four laymen).

Doctor George B. Somers, whose term of office expired on December 23, 1916, was again re-appointed to serve for a period of seven years from said date.

Internal Organization.

The internal organization of the Health Department is as follows:

EXECUTIVE HEAD—HEALTH OFFICER

This official has general executive supervision over the following bureaus and divisions:

Bureau of Sanitation

Bureau of Laboratories

Clerical Division

Division of Accounts

Division of Dairy and Milk Inspection

Division of Food Inspection

Division of Meat and Market Inspection

Division of Plumbing Inspection

Division of Industrial Inspection

Division of Tenement House Inspection

Division of School Health Inspection

Division of Public Charities, which includes

City Physician

Social Service Workers

Inspector of Indigents

Emergency Hospitals

San Francisco Hospital (General)

Tuberculosis Hospital

Isolation Hospitals

Relief Home for Aged and Infirm.

"C"

FINANCIAL STATEMENT

An exhaustive compilation of the expenditures of the entire department, including Central Office, Special Sanitation, Emergency Hospitals, San Francisco Hospital, Isolation Hospital and Relief Home for Aged and Infirm appears on pages 11 to 22 (Table No. 1).

"D" DISEASES DANGEROUS TO THE PUBLIC HEALTH**Sub. 1. Methods for Protection of the Community.****Quarantinable Diseases.**

Diphtheria—Quarantine period not less than ten days from date of notification to the Health Office, usual length of quarantine twenty-eight days. Two successive "Negative" swabs taken five days apart must be shown before quarantine can be raised and disinfection performed. All contacts of school age are excluded from school during period of quarantine.

Scarlet Fever—Four weeks from date of report of case to Health Office. All contacts excluded from school.

Poliomyelitis (Infantile Paralysis)—Largely within the discretion of the Health Officer. At least thirty days from date of report of case to Health Office; longer when deemed necessary to adequately protect the public. Contacts rigidly excluded from school.

Smallpox—Police quarantine on premises, where cases are not removed to Isolation Hospital, such quarantine maintained until complete recovery is established.

Non-quarantinable Diseases.

The following diseases, while coming under the heading of "reportable" cases, are not subject to house quarantine, but periods of exclusion from school for patients and "contacts" are fixed as follows:

Measles—Three weeks from date of report.

Parotitis (Mumps)—Two weeks from date of report.

Pertussis (Whooping Cough)—Two weeks after paroxysms have ceased.

Varicella (Chickenpox)—Two weeks from date of report.

Impetigo, Scabies and other like affections—These cases are excluded from attendance at school at the discretion of the School Medical Inspector or School Nurse until recovery is established and danger of communication of infection is removed.

In all cases of quarantinable diseases disinfection with Formaldehyde gas follows at the expiration of the time limit for quarantine, or upon notification of recovery, except in the case of smallpox, where sulphur fumigation always follows:

Sub. 2. Comments on the Prevalence of Disease.**Major Communicable Diseases.**

In this class Diphtheria led with a total of 1081 clinical cases reported and 298 "Carriers."

In the previous fiscal year (1915-16) this disease totalled 1247 cases, or 15 per cent more than in the present fiscal year.

The highest point reached by diphtheria was in the month of December, 1916, when 138 cases were recorded. The lowest point was in June, 1917, with 49 cases.

Reference to the table of Annual Report Communicable Diseases will show the rise and fall by months of this disease, starting in July, 1916, with 69 cases, steadily rising each month till the crest was reached in December, then as suddenly declining to the end of June, 1917.

Scarlet fever follows diphtheria a very close second, with 1070 cases reported as against 1123 for the year 1915-16.

The highest number of cases by months was in February, 1917, with a total of 189. July, 1916, had the lowest, namely, 28 cases.

Smallpox showed a total of 93 cases reported for the year as compared with 8 cases for the fiscal year 1915-16. In the month of February, 1917, there was a sharp invasion of this disease, with 40 cases, followed up by 34 in March and 9 in April. Seven cases happened in January, 1917. The other three being scattered.

During the year 12 cases of leprosy were reported. In 1915-16 we had 2 reported.

Minor Communicable Diseases.

Measles far outstripped any of the minor communicable diseases with 5267 cases charged against it. In 1915-16 there were but 135 cases reported, but it would appear as if there had been considerable laxity on the part of physicians and others in reporting their cases at that time, as the discrepancy seems to be too wide to be otherwise accounted for.

March, 1917, shows the largest total for measles, when 1646 cases were registered. The lowest month was September, 1916, with 11 cases.

Mumps had 1758 cases to its credit during this year as against 1384 for 1915-16.

Chickenpox totaled an aggregate of 1433 cases, while in 1915-16 it had 1016 cases charged against it.

Reference is made to Table No. 2, appearing on page 24, which gives a detailed tabulated statement by months of all communicable diseases reported during the fiscal year.

Table No. 3, page 26, shows the number of cases reported of principal communicable diseases and deaths therefrom for the calendar year 1916.

Table No. 4, page 27, gives a compilation showing cases reported and deaths from principal communicable diseases by calendar year periods since 1907.

Sub. 3. Bacteriological Laboratory.

Table No. 5, page 28, presented by the Director of Laboratories, indicates examinations made during the year for diphtheria, tuberculosis, typhoid fever, rabies and venereal diseases.

Sub. 4. Isolation Hospital.

On page 32, Table No. 6 is shown. This deals with figures covering admissions to the Isolation Hospital during the fiscal year, a resumé of operations performed, and a statement covering cost of maintenance of said institution.

Sub. 5. Care of Cases Outside of Hospital.

No provision whatever is made for outside treatment by this Department of any case of communicable disease. Only those who are admitted to the Isolation Hospital are given this consideration.

Sub. 6.—Control of Tuberculosis.

For the first time in its history the City of San Francisco took upon itself the responsibility of grappling with the problem of handling the tuberculosis situation, the Board of Supervisors in the budget of 1916-17 having set aside the sum of \$5000 for the establishment of a "Bureau of Tuberculosis."

On page 35 is presented a detailed report prepared by Dr. W. R. P. Clark, Director of the Bureau, showing what has been accomplished in this direction, starting from January, 1917, when the work was fairly launched; while on page 38 is shown table No. 7, giving a brief recapitulation of visits made, and disposal of cases, etc.

Sub. 7. Distribution of Antitoxin.

Table 8, page 38, contains figures showing the total number of units dispensed free of charge during the fiscal year.

Sub. 8. Vaccination.

Compulsory vaccination we regret to say is not in force in this city. The State compulsory vaccination law was repealed several years ago by the Legislature and we do not concede that this was an exceedingly wise act.

Our department has a regulation in force which is applied in the case of children entering school for the first time, i. e., that they cannot attend unless vaccinated, or they must present a statement signed by parent or guardian to the effect that there is a conscientious objection to such procedure.

Should smallpox be prevalent, all "contacts" must be vaccinated before being permitted to return to school or to work, as the case may be.

Sub. 9. Disinfection.

Reference is made to Table 9, page 39, for a detailed tabulated statement showing work performed in this connection during the fiscal year.

(The cost of this work is set forth in Table 1, page 17.)

Sub. 10. Maritime Quarantine.

Not a Municipal function. This feature is dealt with exclusively by the State and Federal authorities.

"E"**INFANT MORTALITY**

Table No. 10, on page 40, furnishes statistics covering mortality of children under one year of age, during the calendar year of 1916.

"F"**SCHOOL HEALTH INSPECTION**

On page 43 appears a statement prepared by the Chief Medical Inspector of Schools, touching upon the work accomplished in this division for the fiscal year; this being followed by a statistical tabulation, Table 11, page 44, giving results in figures.

"G"**FOOD INSPECTION**

Table No. 12, page 46, will present figures showing inspections made of various lines of business engaged in the handling, sale and distribution of food stuffs, including milk and dairy produce.

Sub. 1. Dairy Inspection.

On page 47 appears Table No. 13, giving figures on work accomplished in this division.

Sub. 2. Milk Inspection.

Table No. 14, page 48, presents a statement of milk samples taken during the fiscal year for chemical and bacteriological analysis.

On November 9, 1916, the Board of Supervisors adopted Ordinance No. 3961 which superseded all existing ordinances dealing with the Milk Traffic, the particular object of this being to bring under one heading a number of separate ordinances which had existed for some years, this having the effect of consolidating every feature in one ordinance, the preamble of which reads:

Regulating all traffic in milk, cream, and milk food products, and the issuance and revocation of permits therefor, the production, distribution, sale or offering for sale in the City and County of San Francisco of milk, cream, and milk food products, and providing for the inspection by the Board of Health of all persons, buildings, rooms, places, matters, things and animals employed or used in the production, handling, distribution, sale or offering

for sale of milk, cream, and milk food products intended for human consumption in said City and County, authorizing the Board of Health to enforce the provisions of this Ordinance, and providing penalties for the violation thereof.

Under the terms of this ordinance all milk must be pasteurized within the city limits, an inspector of pasteurizing plants being assigned to the particular duty of inspection and checking of all records in connection therewith.

LABORATORY WORK ON MILK

Chemical

Table 15, page 49, shows results of chemical analysis of milk samples taken during the fiscal year, giving a history of findings in each case, and action taken against offenders of the milk ordinance.

BACTERIOLOGICAL.

Table 16, page 54, presents a statement showing the bacteriological index of the milk supply of the city, for the fiscal year, as determined by the Levy Method.

GENERAL LABORATORY WORK

Table No. 17, page 58, provides a report of general analytical work performed in the chemical laboratory (including milk).

Results of examinations, bacteriological and chemical, of the drinking water supply of the city are given in Table 19, pages 59 to 68.

Subs. 7 and 8. Meat and Provision Inspection.

On page 69, Table No. 20 gives in detailed form the work done in this division, including inspections made, condemnations and seizures and a summary of animals slaughtered for human consumption.

“H”

NUISANCES

Table No. 21, appearing on page 72, gives a general resumé of nuisance complaints investigated during the fiscal year, and the manner of their abatement.

INDUSTRIAL INSPECTION

Table No. 22, page 73, contains a statement showing inspection of factories, workshops, restaurants, candy stores, etc., the work of which is designed to remedy any insanitary conditions found to exist therein and to compel owners or operators to comply with existing ordinances regulating the conduct thereof.

TENEMENT HOUSE INSPECTION

A detailed statistical report of the work of this bureau is given on page 75, table No. 23, this work being conducted by three inspectors—two male and one female. Much good work has been accomplished in this line, the co-operation between the Health Department and the Board of Public Works being of a most cordial and intelligent character.

“I”

MUNICIPAL WASTES

The disposal of garbage is regulated by Ordinance which provides for destruction of same by incineration. Dumping of this waste is absolutely prohibited. The city has built a garbage incinerator which up to this writing has not been put into active service, as its reduction properties are a matter of debate, and litigation is now in progress over the matter.

In the meantime the Sanitary Reduction Works which was taken over by the city through expiration of franchise, is being operated under private management, the city receiving a bonus on the gross profits.

The collection of garbage per se is not a municipal function. Individual scavengers working under permit issued by the Board of Health do the house to house collection and removal. The department of Health by powers vested in it through ordinance, regulates this feature insofar as the method of house to house collections are concerned, determines the character of receptacles to be used and adjusts all differences between the householder and the scavenger when questions arise as to service, overcharges, etc. The average charge for removal of household refuse is 35 cents per month (one removal each week).

During the coming fiscal year an attempt will be made to create an ordinance which, if adopted, will mark a new epoch in the history of garbage disposal, and it will be our pleasure to dwell on this subject at some length in the report for the year 1917-18.

"J"**INSPECTION OF PLUMBING**

Table No. 24, appearing on page 77, gives data covering the work of this division during the fiscal year; and also presents a record of examinations held for applicants to qualify as Master Plumbers. The last State Legislature adopted laws regulating the registration of both Master and Journeymen Plumbers, which will not become effective until the next fiscal year, when the subject will be treated of in the report covering such period.

"K"**RESEARCH, EDUCATIONAL AND PUBLICITY WORK**

Owing to a lack of funds, we are unable to accomplish the things we most desire in this connection, and while fully realizing the importance of this feature, in its relation to the education of our people along the lines of sanitation, baby hygiene, prevention of spread of communicable disease, and the like, we find ourselves very inadequately equipped to carry it on properly. We hope to be able in later reports to say that we are making at least some little progress along these lines.

"L"**OTHER WORK DONE DURING THE YEAR**

The Board of Health sitting as a "condemnation" board has abated many nuisances during the fiscal year in the way of vacating of insanitary structures, subsequent demolition of same in many cases, and rehabilitation in others.

Table No. 25, on page 80, gives the figures on the work accomplished in this regard, in conjunction with the United States Public Health Service which co-operates with the City Health Department in this work.

REVENUE OF HEALTH DEPARTMENT

This feature is treated of in Table No. 26, page 81, showing revenue derived from issuance of Certified Copies of Births and Deaths, these being the only documents upon which a charge is imposed, this being mandatory through ordinance of the Board of Supervisors, i. e., 75 cents each. Free certified copies are issued where same are to be used in proving up rights of widows of soldiers and sailors to pensions granted by the United States Government, and also to claimants for pensions in the Police Department of our city.

On page 82, Table 26a, shows the number of permits issued for conduct of various lines of business under inspection by the Department of Health. There is no charge attached to the issuance of this class of permits or certificates.

ARRESTS FOR VIOLATION OF HEALTH ORDINANCES

Table 27, page 83, sets forth a statement showing arrests made in the enforcement of health laws and ordinances during the fiscal year, giving in detail the ordinance number and character of the law violated, convictions obtained, fines imposed and general disposition of cases.

"M"**RULES PASSED SINCE LAST REPORT**

During the fiscal year two new health ordinances were adopted by the Board of Supervisors as follows:

ORDINANCE No. 3961 (New Series).

(Approved November 9, 1916.)

Regulating all traffic in milk, cream, and milk food products, and the issuance and revocation of permits therefor, the production, distribution, sale or offering for sale in the City and County of San Francisco of milk, cream, and milk food products, and providing for the inspection by the Board of Health of all persons, buildings, rooms, places, matters, things and animals employed or used in the production, handling, distribution, sale or offering for sale of milk, cream, and milk food products intended for human consumption in said City and County, authorizing the Board of Health to enforce the provisions of this Ordinance, and providing penalties for the violation thereof.

ORDINANCE No. 4025 (New Series).

(Approved January 17, 1917.)

Prohibiting the Use of the Common Cigar Cutter in Cigar Stands and Stores and Other Public Places.

Whereas, The use of a common cigar cutter is considered by all authorities to be a menace to health and a source of dissemination of disease, particularly Tuberculosis, Syphilis, and possibly other contagious diseases.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The use of the common cigar cutter on any stand or in any cigar store or other place where cigars are sold or offered for sale, or the furnishing of such common cutter for use of patrons or the public is hereby prohibited.

Sec. 2. Any person, firm or corporation violating the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than \$10 and not to exceed \$25, or by imprisonment in the County Jail for not more than 25 days or by both such fine and imprisonment.

Sec. 3. This Ordinance shall take effect immediately.

"N"**LOCAL PROBLEMS**

In January, 1917, a new bureau, entitled "Division of Child Hygiene" was established with one graduate nurse (female) in charge.

This work was originally started in February, 1916, by the appointment of a nurse working under the auspices of the Board of Health, but whose salary was paid by the Certified Milk and Baby Hygiene Committee of the Association of Collegiate Alumnae until January, 1917, when funds were provided by the Board of Supervisors which enabled the Department of Health to take over the work and conduct it as a part of its organization.

This has proven to be a very valuable addition to our labors as working in conjunction with the State Board of Charities and Corrections we have been able, even with the very limited force at our command, to correct in many cases, abuses occurring in boarding homes for children, and have succeeded in abating to a very large degree the pernicious practice of "baby farming" with its attendant evils.

We present on page 84, Table 27a, giving a brief statistical report of the actual work done and results accomplished since this Bureau was inaugurated,

and in the report of the next fiscal year (1917-18) we hope to be able to treat of this subject at some length.

"O"

INSTITUTIONS

Reports of institutions under the control of the Health Department will be found here as below set forth:

Emergency Hospitals, Alanson Weeks, M. D., Chief Surgeon. Table 28, page 85, gives a resumé of cases handled, and likewise financial statement showing cost of maintenance, etc.

San Francisco Hospital (including Tuberculosis Hospital) R. G. Brodrick, M. D., Superintendent, pages 87 to 92, which includes a brief summary by the Superintendent of general conditions, figures on bed capacity, table of movement of patients, showing admissions, discharges, etc., a statement of operating expenses, report of training school for nurses and a history of Social Service work done in the Main and General Hospital and in the Tuberculosis Division.

Isolation Hospital, Elvira Holmdrup, R. N., Superintendent. See Table 6, page 32.

Relief Home Aged and Infirm, Chas. M. Wollenberg, Superintendent. See Table 31, page 93. This report includes a statement of movement of inmates, admissions, discharges, etc., statistics giving history of ages, social condition, race, nativity, etc., of inmates and their physical condition. A complete detailed table of costs and expenditures is also furnished.

DIVISION OF CHARITIES

The Inspector of Indigents report appears on page 99, Table 32.

This covers the work in connection with investigation of applicants for admission to hospitals and the Relief Home.

The City Physician in Table No. 33, page 100, presents a summary of work performed in the handling of indigent sick, in the field, at his office, at City and County Jails, and Prisons and investigation of accidents occurring in the operation of the Municipal Railway; also the handling of cases of accidents to Municipal employées where the provision of the State Employer's Liability Act might apply.

"P"

VITAL STATISTICS

Fiscal Year 1916-17.

These will be found worked out in exhaustive detail on pages 101 to 210.

Births.

On page 102, Table "A," the record of births registered during the fiscal year is given.

Still-Births.

Table "B" covers this feature, and appears on page 103.

Still Births are very carefully excluded from Birth and Mortality Tables.

Deaths.

Tables 1 to 5, inclusive, covering pages 104 to 208, deal with mortality statistics for the fiscal year, grouped by causes under the International Classification, segregated as follows:

Table 1—Arranged according to months.

Table 2—Arranged according to ages.

Table 3 (a)—Arranged according to social condition.

Table 3 (b)—Arranged according to sanitary districts.

Table 4—Nativities of decedents.

Table 5—Deaths by districts, hospitals and institutions.

Interments, cremations, removals and shipments of human remains during the fiscal year are shown in Table 6, page 209.

Figures covering disinterments and removals of human remains are given in Table 7, page 210.

Respectfully submitted,

ARTHUR H. BARENDT,
President, Board of Health.

Attest:

WILLIAM C. HASSLER, Health Officer.

TABLE 1.

DIVISION OF ACCOUNTS.

The work of the Auditing Department compared with last year is as follows:

	Requisitions	Demands	Payrolls
1916-1917.....	6815	5005	167
1915-1916.....	6700	4664	121
	<hr/>	<hr/>	<hr/>
Increase.....	115	341	46

The funds audited during the year have increased \$129,990.50 from the year before, the increase being largely through greater cost of supplies.

TABLE 1

FINANCIAL STATEMENT DEPARTMENT OF

	1916					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Relief Home—						
Salaries.....	5592.20	5639.10	5645.00	5645.50	5610.15	5580.35
Maintenance.....	11431.07	12688.03	14252.60	12997.09	15738.78	13621.06
Additional Supplies.....	500.00	500.00	500.00	500.00	500.00	500.00
Special Appropriations.....			973.57	455.10	470.33	60.00
Water.....	788.92	724.96	703.60	563.08	600.28	533.92
Receipts.....	123.13	101.42	214.75	65.00	43.00	60.00
Isolation Hospital—						
Salaries.....	2283.60	2106.50	2073.35	1973.80	2007.90	2167.10
Maintenance.....	2067.48	1862.90	2272.09	1866.20	2473.24	2504.68
Additional supplies, equipment.....	1739.60	119.00				
Water.....	121.24	116.95	141.52	111.65	113.21	100.40
Electricity (Light).....	50.27	46.73	54.50	60.20	66.77	83.63
Receipts ****.....						
Special Sanitation—						
Salaries.....	520.00	522.50	520.00	520.00	520.00	520.00
Expenses.....	140.17	76.23	53.01	43.56	141.74	83.36
Central Office—						
Salaries.....	10697.50	10698.30	10949.35	11022.15	11063.00	10973.00
Expenses.....	1410.76	1480.34	1348.72	1588.68	1264.20	1332.74
Burial of Indigent Dead.....	161.50	251.00	225.50	200.00	206.50	367.00
Special Appropriations.....	2265.55	18.00				
Rent.....	350.00	350.00	350.00	350.00	350.00	350.00
Water.....	10.84	9.20	19.78	17.30	14.97	12.81
Electricity (Light).....	12.05	15.54	18.12	21.81	23.21	33.41
Receipts.....	94.75	91.50	109.00	101.70	85.00	81.75
Tuberculosis Bureau.....						
Salaries.....						
Expenses.....					31.50	105.00
Emergency Hospital—						
Salaries.....	6235.00	6235.00	6271.65	6261.65	6258.35	6276.65
Vacations and Reliefs.....	1271.70	1501.75	1017.40	656.30	464.65	474.00
Maintenance.....	944.48	1165.95	1417.08	1279.26	1399.16	1317.44
Additional Equipment.....						
Electricity (Light).....	84.49	71.33	84.84	83.34	93.21	101.70
Water.....	10.75	13.45	11.73	12.52	11.30	11.05
Rent.....	1275.00	1275.00	1275.00	1275.00	1275.00	1275.00
San Francisco Hospital—						
Salaries Main Hospital.....	11159.55	11541.05	11311.90	11382.60	11507.35	11693.40
Salaries T. B. Dept.....	1919.35	1923.20	1761.95	1838.90	1889.70	1837.20
Maintenance.....	12625.52	15934.35	15157.30	16471.12	17567.08	17046.05
Special Appropriations.....			302.00	159.25	30.50	35.00
Equipment.....	2261.95	237.26		490.00		514.58
Water.....	563.42	520.65	547.16	516.84	482.74	472.30
Electricity (Light).....	32.97	38.72	48.24	56.68	69.52	80.28
Receipts.....	212.68	52.50	48.25	83.00	46.10	37.16
Employers' Liability Act.....		228.28		104.58	16.25	16.25
Total	78957.49	78156.69	79678.96	78773.86	82434.69	80258.27

* Not paid out of funds controlled by Department of Public Health.

† \$695.65 paid out of Central Office Salary Appropriation.

** Deficit.

**** Collected at Central Office.

San Francisco Hospital—

Transferred from fiscal year

1915-1916\$ 38.40

Expended for maintenance..... 201,046.17

Total\$201,084.57

Relief Home

Isolation Hospital

Central Office

Emergency Hospital

S. F. Hospital.....

BOARD OF HEALTH

13

—Continued.

PUBLIC HEALTH FISCAL YEAR 1916-1917.

1917						Total	Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June			
5579.85	5605.50	5022.50	5549.90	5594.80	5581.45	67246.30	173.70	67420.00
14822.70	12635.79	13839.77	14039.00	18418.72	14948.07	169432.68		169432.68
500.00	500.00	1500.00	500.00	500.00	2000.00	8500.00		8500.00
						1959.00	41.00	2000.00
556.24	579.52	535.96	586.00	605.80	759.76	* 7538.04		
162.52	65.92	62.31	94.50	74.45	262.30	1329.30		
2274.35	2533.55	2825.30	2944.50	2571.45	2170.75	27932.15		27932.15
2673.63	2865.99	3102.59	2426.59	2661.60	1852.03	28629.02		28629.02
						1858.60	17.29	1875.89
88.45	125.80	115.60	129.40	143.20	144.04	* 1451.46		
91.75	99.70	75.01	79.26	64.08	56.24	* 828.14		
		90.00	42.00	96.50	63.00	291.50		
522.50	515.00	522.50	517.50	522.50	520.00	6242.50		
153.89	123.89	60.97	154.88	88.92	131.42	1252.04	7494.54	5.46 7500.00
10926.85	10921.00	11111.85	11014.00	11166.50	11216.85	131760.35		131760.35
1599.00	1509.17	1558.53	1365.90	1262.82	1327.77	17048.63	**953.27	16095.36
607.00	575.00	550.00	550.00	575.00	575.00	4843.50	956.50	5800.00
		327.62				2611.17	173.83	2785.00
350.00	350.00	350.00	350.00	350.00	350.00	* 4200.00		
10.66	8.50	17.08	12.16	11.18	11.82	* 156.30		
43.20	22.80	21.75	23.35	15.59	14.14	* 264.97		
102.00	94.00	122.25	105.00	102.75	87.75	1177.45		
283.15	425.00	414.10	425.00	425.00	495.00	2467.25		
56.50	55.25	135.25	144.35	221.45	895.73	1645.03	4112.28	887.72 5000.00
6267.05	6328.55	6291.30	6135.00	6341.90	6347.95	75249.85	2.15	75252.00
470.25	362.00	327.35	434.65	190.00	158.65	7328.70	1.30	7330.00
1208.03	1302.39	1292.31	1156.93	1356.25	1302.89	15142.17		15142.17
1198.92	226.60	59.50				1485.02	17.04	1502.06
117.13	85.59	114.17	144.45	117.84	116.82	* 124.91		
12.49	10.25	10.05	11.00	11.53	12.75	* 138.87		
1275.00	1275.00	225.00	225.00	225.00	225.00	* 11100.00		
11901.20	12001.05	11918.45	11846.35	11569.90	12022.25	139855.05		139855.05
915.30	1951.40	1952.20	2077.05	3147.55	1998.25	24212.05		24212.05
16238.84	16126.12	16855.66	18475.69	22682.74	15865.70	201046.17		201046.17
					212.68	739.43	23.25	762.68
529.30	104.81	345.65	245.40	94.53		4823.48	4796.46	9619.94
459.32	467.51	515.06	530.12	570.32	494.60	* 6140.04		
77.83	67.81	54.04	49.72	42.98	39.71	* 658.50		
329.00	28.50	25.50	5937.64	7.00	51.14	6858.47		
16.25	16.25	206.64	32.50	16.25	184.60	* 837.85		
83420.15	79965.01	83153.82	88354.79	91846.10	82496.11	987495.94	7095.70	949452.57
							**953.27	

Stationery Printing	Books	Postage	Oil	Gasoline	Total
172.99	95.81	10.50	87.00	1.93	368.23
115.10	12.20	7.47	15.00	20.52	315.53
486.05	1,433.32	399.36	917.10	1,452.78	4,821.79
118.43	465.60	70.57	29.00	94.91	2,046.39
513.04	879.46	289.10	125.50	21.94	516.08
					997,563.29

Less receipts 9,656.72

Total expenditure 987,906.57

TABLE 1

COMPARATIVE STATEMENT OF UNITS OF

	1915-1916	Cost
Bureau of Vital Statistics—		
Certificates recorded or permits issued.....	29,756	.185
Bureau of Laboratories—		
Examinations or Analyses.....	41,725	.406
Sanitary Inspections—		
Inspections	16,002	.781
Disinfections—		
Rooms Disinfected	5,222	1.173
Plumbing Inspection—		
Inspections	24,028	.67
Market Inspection—		
Markets and Cattle.....	1,220,096	.03
Food Inspections—		
Inspections	5,100	.697
Dairy Inspections—		
Dairies, Depots, Cows, etc.....	167,840	.058
Milk Inspections—		
Samples Collected	2,960	170,800 .562
Industrial Inspection—		
Inspections	8,580	.578
School Medical Inspection—		
Examinations, Treatments, Dressings.....	233,802	.113
City Physician—		
Visits and Treatments.....	4,594	.70
Inspector of Indigents—		
Investigations and Calls.....	10,754	.201
Tenement House Inspection—		
Inspections	3,938	1.225
Child Hygiene—		
Social Service Workers in Tuberculosis Cases—		

—Continued

WORK WITH THE PREVIOUS FISCAL YEAR

	1916-1917		Cost
	27,868		.224
Morbidity Registration	17,769	45,637	.084
Tuberculosis Examinations	3,820		.195
Bacteriological Examinations	39,450		.195
Milk Examinations, Chemical and Bacteriological	9,817		.659
Food Examinations, Chemical and Bacteriological	1,686	54,773	.954
Communicable Diseases	18,244		.615
Stable Inspections	2,010	20,254	.166
Tuberculosis	983		1.89
Other Diseases	4,230	5,213	.93
Cesspools and sewers.....	2,410		.955
Master Plumbers Examined.....	32		.462
Plumbing Inspections	20,062	22,504	.462
Cattle Inspections, etc.....	1,276,565		.021
Abattoirs	4,429	1,280,994	.687
Inspections	9,446	9,446	.482
Inspections and collection of samples.....		151,197	.103
Scavengers	407		.284
Bathing Establishments	4		.35
Laundries, Wash Houses.....	507		.435
Factories	3,786		.523
Miscellaneous Building Inspections.....	1,615	6,319	.463
Inspections by Physicians.....	18,271		.215
Inspections by Nurses, Dressings, Treatments, etc.	226,463	244,734	.0716
Visits and Treatments.....	2,526	2,526	1.142
Investigations and Calls.	8,436	8,436	.305
Tenements and Dwellings.....	4,429		.946
Lodgings and Hotels.....	1,004	5,433	.587
Investigations	3,111	3,111	.397
Investigations, Calls, etc.....	2,004	2,004	1.005

TABLE 1—Continued.

DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES
BUREAU OF THE CENSUS.

			Number of units, analyses, inspec- tions, investi- tions, investi-
CONSERVATION OF HEALTH			
GENERAL ADMINISTRATION			
Salaries of Health Officers, Chief Clerk, and Chief Sanitary Inspector.....	.....	.....	.....
Clerk, Bureau of Sanitation, Clerks, Stenographers and Telephone Operators.....	8,770.00	.....	.....
Auditor and Clerk, Salaries.....	7,667.83	.....	.....
Auditor and Clerk, Expenses.....	3,600.00	.....	.....
Office Supplies, Telephone and Telegraph.....	52.82	.....	.....
Postage, Printing, Books and Stationery.....	349.92	.....	.....
Rent.....	3,235.83	.....	.....
Heat.....	4,200.00	.....	.....
Water and Light.....	141.43	.....	.....
Transportation and Automobiles for General Transportation.....	421.27	.....	.....
General Expenses.....	1,465.38	.....	.....
	630.25	.....	.....
VITAL STATISTICS			
Registration of Births and Deaths, Salaries.....	.....	6,231.59	.....
Registration of Births and Deaths, Expenses.....	3,275.25	.....	.....
Burial, Disinterment and Miscellaneous Permits Issued.....	567.69	.....	.....
Abstracts of Birth and Death Records Issued.....	.....	.....	11,155
Births and Deaths Recorded.....	.....	.....	1,516
Morbidity Statistics, Salaries.....	.....	.....	15,197
Registration of sickness and recovery therefrom.....	1,488.65	.....	.....
Permits to return to school and work.....	.....	.....	15,688
Tabulation and Publication of Statistics, Salary.....	900.00	.....	2,081

TREATMENT AND PREVENTION OF COMMUNICABLE DISEASES				262,527.98
Tuberculosis Hospital (See San Francisco Hospital report for details)		128,770.13		
Physicians and Nurses in private homes, Salaries.	1,924.55			
Physicians and Nurses in private homes, Expenses.	90.10			
Number of visits and investigations				2,004
Laboratory examinations				3,820
Disinfections	744.90			983
Inspections of meat and ment animals for Tuberculosis, Salaries.	1,857.87			
Inspection of meat and meat animals for Tuberculosis, Expense.	26,857.70			
Total inspections (See separate report for details)	310.66			
Hospitals for Communicable diseases—				1,276,565
Isolation Hospital, Salaries		27,932.15		
Isolation Hospital, Maintenance		30,933.06		
San Francisco Hospital for other communicable diseases (See S. F. Hospital report for details)		13,286.00		
Other Treatment for Communicable Diseases—				
Laboratory Work in Diagnosis.	7,682.87			39,450
Physicians and Inspectors, Salaries.	8,458.50			18,244
Physicians and Inspectors, Transportation	701.29			
Vaccines, Anti-toxins and other remedies.	1,740.55			
Publicity	123.37			
Work in cases of glanders in horses and rabies in dogs.	174.80			
Disinfection	3,894.12			4,230
Rat Suppression and Extermination, Salaries.	6,177.50			
Rat Suppression and Extermination, Expenses.	840.86			
(Work done in conjunction with U. S. P. H. S.)				
CONSERVATION OF CHILD LIFE			22,683.62	
Medical Work for School Children		21,446.65		
Sanitary Inspection of School Buildings.	314.85			
Inspection of School Children by Physicians, Salaries.	4,875.45			
Inspection of School Children by Physicians, Expenses.	52.50			

TABLE 1—Continued.

DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES
BUREAU OF THE CENSUS—Continued.

			Number of units, analyses, inspec- tions, investi- gations, etc.
Number of Inspections.....	.....	.....	18,271
Work of Nurses for School Children, Salaries.....	15,042.85	.....	.....
Work of Nurses for School Children, Expenses.....	1,161.00	.....	.....
Number of Inspections, Dressings and Treatments.....	.....	.....	226,463
Other Conservation of Child Life including Infants, Salaries.....	789.60	.....	3,111
Other Conservation of Child Life including Infants, Expenses.....	84.75	.....	.....
Publicity and Educational.....	362.62	.....	.....
FOOD INSPECTION .....	.....	21,699.98	.....
Milk and Dairy Control.....	.....	.....	151,197
Inspections and Tests of Herds, inspections of stables, milk depots, ice cream factories, milk wagons, and collection of milk samples—	15,540.28	.....	.....
Salaries .....	.....	.....	.....
Expenses	6,722.45	.....	.....
Laboratory Tests of Dairy Products.....	2,337.93	.....	.....
Bacteriological	6,469.00	.....	6,114
Chemical .....	.....	.....	3,703
Other milk and dairy control.....	10.90	.....	.....
Other Food Regulation and Control.....	.....	6,159.70	9,446
Inspection of all places for sale of and manufacture of food, including bakeries, restaurants, hotels, and the collection of food samples, drugs and drinks—	.....	.....	.....
Salaries	3,937.82	.....	.....
Expenses	614.02	.....	.....
Laboratory analyses and research work, including tests of all foods except dairy products	1,607.86	.....	.....

Bacteriological	.....	.....	.....	648
Chemical	.....	.....	.....	1,038
SANITATION AND PROMOTION OF CLEANLINESS	.....	.....	3,291.85	.....
(General Sanitary Inspection and Regulation—	.....	.....	.....	.....
Regulation and Supervision of Scavengers	.....	115.60	.....	407
Regulation of buildings and places producing noisome sights, smells, etc.,	.....	.....	.....	.....
slaughter houses, smoke-houses.	.....	304.50	.....	4,429
Inspection of bathing establishments	.....	1.40	.....	4
Prevention of Smoke Nuisances.	.....	13.95	.....	.....
Inspection of stables and premises where permits are asked to conduct stables.	.....	334.25	.....	2,010
Inspection and regulation of cesspools, vaults, etc.	.....	2,301.35	.....	2,410
Baths, Washhouses and Kindred Establishments	.....	220.80	.....	507
GENERAL HOSPITALS AND CARE OF SICK AND INJURED.	.....	.....	340,591.96	.....
Emergency Hospitals, Salaries.	.....	82,578.55	.....	.....
Emergency Hospitals, Maintenance.	.....	29,240.89	.....	.....
San Francisco Hospital	.....	228,772.52	.....	.....
Other: Expenses for Sick and Injured	.....	.....	5,460.99	.....
Inspectors of Indigents, Salaries.	.....	2,130.45	.....	.....
Inspectors of Indigents, Expenses	.....	444.64	.....	8,436
Total investigations and calls.	.....	.....	.....	.....
City Physician, Salary	.....	2,386.65	.....	.....
City Physician, Expenses	.....	499.25	.....	.....
Visits and Treatments	.....	.....	.....	2,526
MISCELLANEOUS PROTECTION OF PERSON AND PROPERTY	.....	.....	16,781.50	.....
Dwelling and Tenement House Inspection, Salaries.	.....	4,014.70	.....	.....
Dwelling and Tenement House Inspection, Expenses	.....	175.72	.....	.....
Number of inspections.	.....	.....	.....	4,429
Lodging House Inspections.	.....	590.80	.....	1,004
Factory Inspections, Salaries.	.....	1,935.10	.....	.....
Factory Inspections, Expenses	.....	43.50	.....	3,786

TABLE 1—Continued.
DEPARTMENT OF PUBLIC HEALTH CLASSIFICATION OF EXPENDITURES ON BASIS SUGGESTED BY UNITED STATES
BUREAU OF THE CENSUS—Continued.

			Number of units, analyses, inspec- tions, etc.
Examination of Plumbers and Plumbing Inspection, Salaries.....	7,298.65	.....	.....
Examination of Plumbers and Plumbing Inspection, Expenses.....	1,975.58	.....	.....
Number of plumbers examined.....		.....	32
Number of inspections.....		.....	20,062
Inspection and Regulation of Office Buildings, and other building inspections— Salaries.....	670.90	.....	1,615
Expenses.....	76.55	.....	.....
OTHER ACTIVITIES.....	256,010.51	.....	.....
Relief Home for Aged and Infirm, Salaries.....	67,246.80	.....	.....
Relief Home for Aged and Infirm, Expenses.....	174,579.96	.....	.....
(See separate report for other details.)			
Municipal Lodging House (Contribution to S. F. Co-operative Employment Bureau).....	8,500.00	.....	.....
Burial of Indigent Dead.....	4,486.40	.....	.....
Paid to Employes under Employers' Liability Act.....	837.85	.....	.....
OUTLAYS.....	22,091.86	.....	.....
General Administration.....	3,669.59	.....	.....
Isolation Hospital.....	2,319.98	.....	.....
Emergency Hospitals.....	1,886.47	.....	.....
San Francisco Hospital.....	8,991.19	.....	.....
Laboratory Bacteriological and Chemical.....	506.64	.....	.....
Relief Home.....	4,717.99	.....	.....

TABLE 1—Continued.
SUMMARY OF EXPENDITURES FOR THE FISCAL YEAR 1916-1917

		Percentage of Expenditure
Conservation of Health.....	343,677.90	34.7
General Administration	30,534.73	3.1
Vital Statistics	6,231.59	.6
Treatment and Prevention of Communicable Diseases.....	262,527.98	26.4
Conservation of Child Life.....	22,683.62	2.4
Food Inspection	21,699.98	.2
Sanitation and Promotion of Cleanliness.....	3,291.85	.3
General Hospitals and Care of Sick and Injured.....	346,052.05	35.1
Protection of Person and Property.....	16,781.60	1.7
Other Activities of Department.....	256,010.51	26.
Outlays	22,091.86	2.2
Total	987,906.57	

TABLE 1—Continued.

AUTOMOBILE COSTS AND MILEAGE FISCAL YEAR 1916-1917.

Total Mileage	98,827
Total Cost	4,357.92
Average Cost per mile.....	.044

		Miles	Cost	Cost per mile
E. 248	Dairy	5,593	330.05	.059
E. 249	Dairy	725	31.62	.044
E. 250	Plumbing	6,569	388.47	.059
E. 251	Plumbing	7,966	303.64	.038
E. 252	Disinfection	5,814	309.41	.053
E. 253	General	4,859	289.83	.059
E. 254	Disinfection	5,112	302.67	.059
E. 256	Plumbing	7,837	289.90	.037
E. 257	Inspection of Indigents.....	5,230	258.58	.049
E. 258	Food and Milk.....	6,916	273.26	.039
E. 259	Plumbing	6,704	188.29	.028
E. 260	Sanitary Inspection	8,366	356.27	.042
E. 1012	Dairy	10,070	392.93	.039
E. 1013	Dairy	10,051	457.24	.045
E. 1014	Plumbing	7,015	185.76	.026
		<hr/>	<hr/>	
		98,827	4,357.92	

TABLE 1—Continued.

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR
1916-1917 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUB-
LIC HEALTH SERVICE.

	1916						1917						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Headquarters.....	76.04	68.48	65.00	69.87	82.75	65.00	65.00	65.00	65.00	65.00	65.00	65.00	817.14
Field Service	426.74	414.05	416.75	412.74	413.50	413.10	445.68	425.25	440.92	425.20	436.98	427.77	5098.98
Laboratory	17.85	31.08	19.55	7.45	9.55	7.40	24.40	11.40	10.05	5.00	30.25	20.65	194.63
Printing & Stationery.....	72.84	9.00	2.56		3.99		9.28			.80	8.54		107.01
Rat Traps and Bait, etc.	66.70	76.12	69.15	73.50	72.88	69.00	75.83	62.89	67.50	66.58	70.65	94.80	865.60
Special Purposes					79.07	48.86	55.90	54.35		109.80		43.20	411.18
Total.....	660.17	598.73	573.01	563.56	661.74	603.36	676.39	638.88	583.47	672.38	611.42	651.42	7494.54

TABLE 2.
ANNUAL REPORT COMMUNICABLE DISEASES.
FISCAL YEAR 1916-17.

DISEASES	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Amebiasis	6	1					1			2			1
Anthrax	3		1				1						
Cerebro Spinal Meningitis.....	11			1	1		1						2
Chickenpox	1433	21	34	70	116	254	183	167	150	174	4	1	99
Diphtheria	1081	69	64	65	90	118	138	123	101	100	108	99	57
Diphtheria Carriers	298	45	13	27	46	22	20	24	17	32	23	13	49
Eczema													16
Erysipelas	169	15	12	9	6	19	15	19	18	26	13	11	6
Glanders (animal)	46	10	1	7	2	5	6	4	3	2	2	2	2
Gonorrhea	614	15	19	6	18	28	10	121	79	61	138	72	47
Impetigo, Bullis	1									1			
Impetigo	2	1									1		
Influenza	5						1		2	2	2		
Leprosy	12	1		3			2	2	2				
Malaria	20	3	3	3		5	1	1				1	1
Measles	5267	28	16	11	43	73	182	557	1321	1646	728	455	207
Mumps	1758	20	48	105	132	211	135	203	260	273	138	107	126
Ophthalmia neonatorum	11	2				2		2	2	1			1
Pediculosis	14	11	3	1									
Pneumonia	497	30	15	15	20	35	57	82	66	59	30	53	35
Polioyelitis	32	4	2	4	6	6	8	2	2				
Rotheln (German Measles)	383	1	1	1		2		2	9	7	12	224	124
Scabies	4			1		1			1	1			
Scarlet Fever	1070	28	27	43	63	81	95	150	189	156	77	109	50
Smallpox	93					1	1	7	40	34	9	44	22
Syphilis	799	45	65	42	97	57	68	96	102	65	96	1	
Tetanus	6	2										35	27
Whooping Cough	319	19	41	26	14	43	24	22	19	16	33	35	
Trachoma	35	1		5	5	4	5	3	2	2	3	1	93
Tuberculosis	1517	109	126	110	142	117	181	145	147	145	137	115	7
Typhoid Fever, Local Origin	97	4		8	14	3	12	8	14	8	8	4	4
Typhoid Fever, Outside Origin	82	3	11	12	10	3	7	6	9	6	7		
Uncinariasis	1		1										
Total	15688	488	521	575	827	1091	1103	1749	2554	2819	1650	1434	877

TABLE 2—(Continued).

ANNUAL REPORT COMMUNICABLE DISEASES.
FISCAL YEAR 1916-17.

(Military reservations.)

	Presidio	U. S. Marine Hospital	U. S. Naval Training Station	Total
Chancroid .....	....	18	22	40
Chickenpox	5	....	6	11
Diphtheria	21	1	4	26
Erysipelas	8	3	....	11
German measles .....	....	1	264	265
Gonococcus infection .....	....	84	....	84
Gonorrhoea .....	....	....	203	203
Influenza .....	....	....	267	267
Leprosy	1	....	....	1
Meningitis, cerebro spinal.....	....	....	2	2
Malaria .....	....	....	16	16
Mumps	73	1	515	589
Measles	162	4	360	526
Malaria, estivo autumnal.....	....	9	....	9
Malaria quartan .....	....	2	....	2
Malaria, tertian .....	....	22	....	22
Meningitis (epidemic)	2	....	....	2
Pneumonia, lobar .....	....	....	15	15
Scarlet fever	45	4	1	50
Smallpox .....	....	1	....	1
Scabies .....	....	....	110	110
Syphilis .....	....	539	30	569
Tuberculosis, chronic pulmonary.....	....	....	4	4
Tuberculosis, acute pneumonic.....	....	....	2	2
Tuberculosis .....	....	70	....	70
Trachoma .....	....	1	....	1
Typhoid .....	....	5	....	5
Uncinariasis .....	....	4	....	4
Whooping cough	1	....	....	1

BOARD OF HEALTH

TABLE 3

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS—CALENDAR YEAR 1916.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Months 1916	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polymyelitis		Tuberculosis					
																	Pulmonary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases†	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases*	Deaths	Cases*	Deaths
January.....	129	12	139	0	17	0	21	0	73	1	3	0	0	0	0	0	151	84	*	8	*	2
February.....	120	8	157	2	14	2	11	0	95	3	1	0	0	0	0	0	122	84	*	8	*	0
March.....	174	14	212	1	11	2	11	1	116	5	0	0	0	0	0	0	79	62	*	5	*	3
April.....	128	17	149	2	13	1	10	0	64	2	0	0	0	0	0	0	149	63	*	5	*	3
May.....	155	19	116	0	14	0	23	0	75	0	0	0	0	0	0	0	99	67	*	9	*	6
June.....	107	11	80	2	15	1	17	0	26	2	0	0	0	0	1	0	101	59	*	7	*	2
July.....	69	9	28	1	7	1	28	0	19	1	0	0	0	0	4	0	109	46	*	5	*	4
August.....	64	7	29	0	18	0	16	1	41	2	0	0	0	0	2	0	126	61	*	2	*	3
September.....	65	7	43	0	20	5	11	0	26	0	0	0	0	0	4	1	110	38	*	2	*	3
October.....	90	8	64	1	24	2	43	1	14	2	0	0	0	0	6	1	142	69	*	5	*	3
November.....	116	7	81	1	6	2	73	0	43	0	1	0	0	0	6	1	117	57	*	5	*	2
December.....	138	12	95	0	19	0	182	1	24	0	1	0	0	0	8	1	131	86	*	4	*	3
Totals.....	1355	131	1192	9	178	16	446	4	616	18	7	0	0	0	31	4	1436	776	*	57	*	42

* Cases not reported.

† Includes 72 cases not local in origin.
Miliary Tuberculosis—19 deaths.

TABLE 4.

CASES AND DEATHS FROM COMMUNICABLE DISEASES. EACH YEAR FOR TEN YEARS.

This table includes *All* cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

Years (Calendar)	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polio-myelitis		Tuberculosis			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases*	Deaths	Cases	Deaths	Cases	Deaths	Cases*	Deaths
1907.....	245	41	229	9	1279	228	1231	42	*	26	40	1	*	0	*	1	578	64	*	35
1908.....	664	90	246	5	363	107	910	24	*	24	298	4	*	0	*	1	729	58	*	54
1909.....	589	55	499	24	266	68	2115	25	*	48	134	1	*	0	*	0	765	76	*	54
1910.....	521	37	504	10	345	64	1038	19	*	82	40	0	*	0	*	1	1355	689	*	37
1911.....	316	26	599	17	285	69	1212	15	433	28	15	0	*	0	11	2	1510	706	*	45
1912.....	326	28	192	1	886	58	451	47	309	26	106	1	*	0	20	12	1279	702	*	45
1913.....	379	27	305	16	316	73	410	5	487	16	38	0	*	0	5	1	1288	693	*	57
1914.....	796	85	414	4	224	58	4414	46	1297	60	52	0	*	0	18	1	1323	698	*	80
1915.....	1390	113	426	3	205	43	1723	19	374	21	7	0	*	0	9	0	1418	733	*	57
1916.....	1355	131	1192	9	178	16	446	4	616	18	7	0	*	0	31	4	1444	784	*	43

* Cases not reported.

TABLE 5
BACTERIOLOGICAL EXAMINATIONS.

DIPHTHERIA

	Primary				Secondary				Contact				School				Total
	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	Positive	Negative	No Growth	Doubtful	
1916																	
July.....	57	629	2	9	385	686	10	1	31	361			10	351			2535
August.....	37	703	3	3	285	774	3	1	10	310			10	31			2168
September.....	57	749	5	9	189	522	2		18	210			5	191			1957
October.....	69	821	6	6	225	644	9		20	279			18	312			2404
November.....	71	864	1	5	253	989	16	3	18	349			5	173			2748
December.....	72	884	8	5	294	974	28		25	493			1	74			2858
1917																	
January.....	71	815	4	4	285	894	7		22	479				46			2627
February.....	65	760	2	2	273	677	11		14	277				42			2123
March.....	59	830	1	2	429	894	29		11	242			1	85			2538
April.....	45	768	3	7	479	1131	51		11	240	1						2736
May.....	60	751	4	5	428	941	27	1	12	269				60			2558
June.....	44	669	6	2	322	712	34		8	266				19			2082
Total.....	707	9243	39	59	3842	9898	227	6	200	3775	2		50	1384		2	29334

TABLE 5—Continued.

BACTERIOLOGICAL EXAMINATIONS.

	Gonorrhoea			Tuberculosis		Typhoid				Rabies		Miscellaneous
	Positive	Negative	Doubtful	Positive	Negative	Widals		Feces		Positive	Negative	
						Positive	Negative	Doubtful	Positive				Negative
1916												
July.....	4	91		66	122	6	24	1	3	10		7
August.....	7	89	4	136	223	4	25		2	14		5
September.....	7	91	2	116	192	4	22	1	4	8		16
October.....	4	88	4	142	186	1	17		4	23		8
November.....	4	93	3	103	202	1	19		3	15		16
December.....	7	122	1	111	176	2	28			12		16
1917												
January.....	3	53	1	162	241	3	25		1	15		3
February.....	7	80	2	146	206	4	18			15		9
March.....	4	63		119	223	3	32			25	3	4
April.....	8	58	4	117	164	3	24		1	19	1	6
May.....	16	56	4	170	192	0	19		2	17	1	18
June.....	16	63	7	143	160	0	30			12	1	9
Total.....	87	947	31	1331	2287	30	283	2	20	185	7	101

TABLE 5--Continued.

SEROLOGICAL EXAMINATIONS—VENEREAL DISEASES.

	Wasserman Tests						Gonorrheal		
	Blood			Spinal Fluid			Comp. Fix. Test	Negative	Doubtful
	Positive	Negative	Doubtful	Positive	Negative	Doubtful			
1916									
July.....	46	115	7	6	7		5	8	
August.....	27	143	2	2	10				
September.....	27	170	4	8	15				
October.....	37	201	5	7	15				
November.....	49	225	12	14	26	2			
December.....	47	241	3	9	20				
1917									
January.....	38	214	3	9	15	2			
February.....	30	180	6	4	7				
March.....	29	191	1	5	13				
April.....	35	233	4	1	7				
May.....	41	215	1	2	18				
June.....	23	194	8	1	16				
Total.....	429	2322	56	68	169	4	5	8	

TABLE 5—(Continued).
BACTERIOLOGICAL EXAMINATIONS.

RABIES.					
				* Patients	Pasteur
1916—	Positive	Negative	Suspicious	Treated	Treatments
					Administered
July
August	1	....	....	....
September
October	1	25
November
December
1917—					
January
February
March	3	....	....	....
April	1	....	....	....
May	1	....	....	....
June	1	....	....	....
	—	—	—	—	—
Total	7	....	1	25

* Total treated to date 240.

TABLE 6—(Continued).
OPERATIONS PERFORMED.

	1916							1917				
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Vaccinations	18	72	127	148	65	53	22
Intubation and Re.....	4	1	2	5	6	10	10	9	7	22	9	3
Extirbations	3	....	2	5	8	8	5	....	11	7	4
Tracheotomy	1	....	....	1	1	....	....	....	1	....	....
Lumbar Punctures	3	....	4	5	15	11	3	....	23	3	1
Abscess Opened	4	1	....	....	....	....	....	....	....
Circumcision	1	....	....	....	....	....	....	....	....	....	1
Necropsy	2	3	....	....	....	....	....	....	....	....	....	....
Iridectomy	1	....	....	....	....	....	....	....	....	....
Transfusion	1	....	....	....	....	....	....	....	1	....
Amputation

734

Total number of Hospital days, 25,363.

E. T. HOLMDRUP, Superintendent.

TABLE 6—(Continued).

FINANCIAL STATEMENT OF THE ISOLATION HOSPITAL

FISCAL YEAR 1916-1917.

Salaries—

Administration	\$ 3,858.70	
Professional Care of Patients.....	13,188.15	
Housekeeping	3,778.30	
Kitchen	3,175.35	
Laundry	720.00	
Maintenance of Grounds.....	1,086.00	
Maintenance of Building.....	117.75	
Miscellaneous and General.....	1,186.50	
Transportation	847.90	
New Construction	73.50	
		<hr/>
		\$27,932.15

Maintenance—

Administration:		
General Supplies and Services.....	\$ 484.00	
Stationery and Printing.....	11.50	
Professional Care of Patients:		
Medical and Surgical Supplies.....	4,892.84	
Wines and Liquors.....	157.41	
Repairs to Instruments and Apparatus.....	27.60	
Clothing	17.29	
Department Expenses:		
Housekeeping	2,602.11	
Kitchen	120.02	
Laundry	588.67	
Provisions:		
Meat, Fish and Poultry.....	4,008.52	
Milk and Cream.....	2,065.74	
Butter and Eggs.....	2,526.03	
Groceries	3,288.96	
Fruit and Vegetables.....	1,937.53	
General Expense:		
Maintenance of Grounds.....	90.40	
Maintenance of Buildings.....	310.72	
Fuel	4,049.17	
Miscellaneous	184.08	
Transportation:		
Automobile Ambulance	412.89	
Ford Delivery Wagon.....	137.43	
Railroad Transportation	354.73	
Outlay:		
New Equipment	405.47	
New Construction	55.91	
		<hr/>
		28,629.02
Additional Equipment from other than the regular main- tenance fund		1,858.60
Other costs payable out funds not controlled by the Board of Health		2,429.37
		<hr/>
Total		\$60,849.14
25,363 Hospital Days at 2.399 per diem.		

REPORT OF BUREAU OF TUBERCULOSIS.

Following the appropriation by the Board of Supervisors of the sum of \$5,000.00 for the year 1916-17 for the employment of social service workers for tuberculosis work, I was selected by the Board of Health as director, without salary, of the Bureau of Tuberculosis to be established.

A committee was later appointed by the Civil Service Commission, consisting of Miss Katherine C. Felton, Dr. Phillip King Brown, Dr. Rene Bine, Mr. Paul Scharrenberg and Miss Agnes C. Regan, to give an examination for an eligible list of social service workers to fill the positions in this Bureau and social service positions in other branches of the city government. An eligible list was formed and from it in January, 1917, four social service workers were assigned to the Tuberculosis Bureau:

Miss Annette H. Flagg,
Miss Eliza McKinne,
Miss F. E. Noonan,
Miss Veronica Beard.

In February Miss Beard resigned to accept a position with the Borough of Brooklyn, New York, and on February 21, 1917, Miss Ada B. Coffey was appointed in her place.

Miss Flagg was placed in charge of the social service work in the San Francisco Tuberculosis Hospital and reports as follows:

"The first weeks were spent in making a card catalogue of the names of patients, their date of entrance, ward and bed number. These were differently colored,—white for single men, pink for the single women, yellow for the married men, and blue for the married women. A glance at the catalogue shows the proportion of each and the overwhelming majority of the first. Another card catalogue was made for the subsidized patients, of whom there were 85 at that time; it was increased to 100 in March. Keeping both these lists up to date, making out the subsidy blanks, forwarding the applications to the State Board at Sacramento requires an average of 2 hours a day.

"A large share of the time of the Social Worker is spent in visits in the Wards. The patients, particularly those who have just come in are very glad to see some one who has time to talk with them, explain things about the Hospital which they do not understand, and listen to their stories. Very often this leads to an opportunity for a real service to them or to their families, and, in any case, it makes them feel that the Hospital is a friendly place.

"Very little outside visiting is done but occasionally a patient comes in who has not been treated in a Clinic and then a visit is made from the Hospital.

"Few children come into the Hospital, chiefly because the provision for them is inadequate. A boy of 2 years was brought in with his mother and after a few months had gained so much that he could be put into a foster-home. A suitable home was found for him through the Baby Hygiene Bureau of the Board of Health, he was put in the care of a Clinic, visited regularly and is now in fine condition. One of the patients was found to have a year old baby who was in a foster home but was not receiving proper care. He was brought into the Main Hospital for a short time and then transferred to another home where he will have all that he needs. He is also in the care of a Clinic. In both these cases the baby's board is paid by the father and the milk provided by the Associated Charities for one and by the San Francisco Association for the study and prevention of Tuberculosis for the other. The one remaining child in the Hospital

is a little colored boy of 7. He is hopelessly ill, but his happy smile is a constant inspiration to all who see him.

"The Social Service Worker tries to keep in touch with the agencies on the outside who have been interested in the patient before his coming to the Hospital. The Associated Charities has been given reports on the condition of 4 patients, to help them to obtain help for the families.

"One of the difficult problems is to find light work for the patients discharged as 'arrested' cases. Visits have been made to the Federal State Employment Offices and the situation explained. Co-operation has been promised but not very much has been accomplished. In the case of girls and women, who have been self-supporting, a fund maintained by the Episcopal Church can be called on for temporary help. One young woman, with a child of three, was taken care of for two weeks, while arrangements were being made by the Associated Charities to send her back to Australia.

"In the Dental Clinic 11 sets of teeth have been made for patients at a cost of 50% of the wholesale price, the other 50% coming out of the Social Service Fund. This fund also provides tooth paste (the Hospital furnishes the brushes) woolen caps, socks, writing paper and envelopes.

"A number of patients are now employed at small salaries. The Cobbler, who keeps the patients' shoes in repair at no cost to them and at a cost to the Hospital of 26 cents for new soles; the two Librarians, a man for men's wards, and a woman for the women's, who keep both bed and ambulatory patients supplied with books and magazines; an assistant Barber; two Messengers who go out to buy for the patients without charging them any commission.

"One of the great needs in the Hospital, but one which is seldom recognized by the patient, is occupation. There are many things which patients can be taught to do but it is not easy to find a market for most of them. A beginning has been made in net making, and this promises very well. Hammocks, laundry nets and shopping bags are being made and already a few have been sold. Everything is sterilized before it is sent out.

"Amusement is another necessity. Since April bi-monthly entertainments have been held. Concerts, illustrated lectures and a band concert by the Columbia Park Boys' Band have been very much enjoyed. In June a fund to buy a Moving Picture Machine was started, the first dollar being given by one of the women patients. The Bulletin agreed to make an appeal and in a short time \$160 was raised. A machine was bought and two 'shows' have been given, the films for both being given by Dr. Dolliver of the Motion Picture Company. The screen is set up in front of the women's ward so that the bed patients can see, and the ambulatory patients, both men and women, sit in the garden and on the porches. It would be hard to find anywhere a group of people having a better time."

Miss McKinne, Miss Noonan and Miss Beard were assigned to district social service visiting and they work in connection with the five nurses of the San Francisco Association for the Study and Prevention of Tuberculosis. The city is divided into three Clinic Districts—the Tuberculosis Association Clinics at 1547 Jackson Street and 24 Street, and the Stanford Chest Clinic at Sacramento at Webster Street. These districts are again subdivided into eight visiting districts with a social service worker for each district.

Below, Table No. 7, is given a list in tabular form of visits made by all workers from January to June 30, 1917. In addition to this the nurses attend their district Clinic wherever held, two or three times a week. Miss McKinne has also spent some of her time at the Open Air School on Greenwich Street.

Some slight changes, I think for the better, have been made in the keeping of records of the cases of tuberculosis reported.

I cannot speak too highly of the present personnel—they are hard workers and conscientious and I wish to compliment them on their work.

In conclusion I would recommend that a supervising nurse be appointed, and if San Francisco is to hold her own with other cities throughout the United States that are making a fight against tuberculosis, more nurses should be added, and estimating the number required by the number in the employ of these other cities and using the death rate from all forms of tuberculosis as a basis (one nurse for every fifty deaths) San Francisco should have about six more nurses.

Respectfully submitted,

W. R. P. CLARK, M. D.

TABLE 7

BUREAU OF TUBERCULOSIS.

Summary of Visits Made and Disposal of Cases	New	Current	Observation	Total
Clinic Cases	22	1006	59	1087
Non-Clinic Cases	59	26	185	270
In Behalf of Patients				502
On Physicians	27			
On Clergy	1			
On Organizations	430			
To Secure New Patients.....				145
Miscellaneous	44			
Total	583	1026	244	2004
Suspected cases referred to Clinic.....				40
Cases sent to T. B. Hospital.....				14
Cases sent to other Hospital.....				3

TABLE No. 8.

FREE ANTITOXIN DISPENSED FISCAL YEAR 1916-17.

	20,000 units	10,000 units	5,000 units	2,000 units	1,000 units
1916—July		20	20		55
August		10	10		20
September		15	10		30
October		22	23	12	40
November		15	15		20
December		35	30	36	50
1917—January		36	40		65
February	1	20	20		35
March		45	40		45
April		25	26		40
May		30	15		45
June		5	5		35
Total	1	278	254	48	480

Total units dispensed 4,646,000.

TABLE 9.
ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria.....	986	80	72	51	64	108	118	108	74	85	84	75	67
Scarlet Fever.....	877	54	27	35	38	71	81	82	107	155	103	68	56
Smallpox.....	87					2			44	31	10		
Tuberculosis.....	983	57	84	74	91	68	82	96	93	100	93	78	67
Cerebro Spin. Meningitis.....	7			1			1	1	1		1		2
Typhoid Fever.....													
Glanders.....	33	7		6	2	4	4	2	1	1	2	3	1
Other Cases.....	20		2	2	3	3	2	1	2	4		1	
Polomyelitis.....	45	3	2	6	9	12	9	4					
Total.....	3038	201	187	175	207	268	297	294	322	326	293	225	193
Rooms Fumigated.....	5,213	351	337	241	385	445	476	544	561	665	527	339	342
Cubic Feet Disinfected.....	10,918,055	626,300	670,400	431,300	690,300	938,600	995,200	1174,200	1348,855	1484,400	1115,100	681,700	761,700
Material Used—													
Sulphur (lbs.).....	278	81	50	4	19	15	16	26	14	13	8	32	
Formaldehyde, solid.....	9,317	406	574	492	688	789	824	919	1,133	1,309	935	603	645
Formaldehyde (liquid) oz.....	6,014	168	336	540	432	336	732	902	528	528	396	864	252
Weesol Compound	570	148	62	136	24	28	16				48	108	

TABLE 10.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

Calendar Year 1916	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
January.....	50	12	3	4	.....	.....	4	4	1	5	7	7	3
February.....	28	5	.....	1	.....	1	4	4	1	1	4	3	5
March.....	57	10	1	5	7	.....	4	4	2	6	8	6	5
April.....	51	12	1	.....	4	1	2	3	8	4	10	2	4
May.....	37	4	2	2	4	1	3	3	2	4	5	1	6
June.....	34	11	.....	2	3	.....	1	2	5	.....	6	3	1
July.....	46	9	.....	2	3	.....	5	2	4	1	5	8	7
August.....	41	6	.....	2	3	1	5	3	5	1	3	6	4
September.....	40	5	1	3	3	.....	3	3	7	3	1	3	4
October.....	27	12	.....	.....	3	.....	.....	1	2	2	3	6	5
November.....	44	14	.....	2	5	1	3	1	2	3	10	9	8
December.....	58	14	.....	3	2	1	2	2	4	3	.....	.....	.....
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54
MALE.....	303	76	8	14	20	4	20	26	27	17	34	29	32
FEMALE.....	210	38	.....	12	19	2	16	4	17	13	31	32	22
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54
WHITE.....	471	103	8	26	35	4	34	24	37	28	62	57	53
BLACK.....	4	.....	.....	.....	1	.....	.....	1	1	.....	.....	1	.....
CHINESE.....	22	6	.....	.....	1	.....	1	3	4	2	2	2	1
JAPANESE.....	16	5	.....	.....	2	2	1	2	2	.....	1	1	.....
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54

TABLE 10—Continued.
MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

	Ages												
	Total Deaths Under 1 Year	Under 1 Day	1-2 Days	2-3 Days	3 Days to 1 Week	1-2 Weeks	2-3 Weeks	3 Weeks to 1 Month	1-2 Months	2-3 Months	3-6 Months	6-9 Months	9-12 Months
150 ³ Other congenital malformations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spina Bifida	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Cleft Palate	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Hydrocephaly	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imperforate Anus	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Pyloric Stenosis	2	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Spina Bifida	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Enlarged Thymus .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
151 ¹ Premature Birth	118	76	1	9	9	1	8	5	5	2	.....	.....	.....
151 ² Congenital Debility	17	1	.....	2	4	.....	3	1	1	4	1	.....	.....
..... Icterus Neonatorum	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
152 ¹ Other diseases early infancy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..... Instrumental Delivery	16	8	.....	3	2	1	.....	1	1	.....	.....	.....	.....
..... Difficult Labor	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
152 ² Asphyxia Neonatorum	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..... Atelectasis Neonatorum	23	8	4	4	5	.....	.....	2	.....	.....	.....	.....	.....
..... Hemorrhagia Neonatorum	9	1	1	1	5	.....	2	.....	.....	.....	.....	.....	.....
..... Hemorrhage from Circumcision	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
..... Melena Neonatorum	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
..... Hemorrhage Umbilicus	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..... Infection Umbilical Cord	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..... Suffocation (accid. overlaid)	3	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....
153 Lack of Care	1	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....
172 Fall from baby cart	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
..... Fall to floor	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
..... Fall from window	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	513	114	8	26	39	6	36	30	44	30	65	61	54

TABLE 10

To the Health Officer.

Sir: Herewith is respectfully submitted a report of the division of school health inspection for the fiscal year ended June 30 1917.

Fifteen thousand six hundred and thirty-five routine physical examinations were made during the fiscal year by the medical inspectors; six thousand and eighty more than were made during the previous fiscal year. Not only were all children entering school examined but re-examinations were made in intermediate and grammar schools. This increased amount of work was possible owing to an augmented corps in the division of school health inspection, i.e., an additional assistant medical inspector and three additional school nurses.

In September of the fiscal year, through the solicitation of His Grace Archbishop Edward J. Hanna, the parochial schools of San Francisco were included within the scope of health inspection. This was truly epochal because through it, all elementary school children were put under the observation of the school nurse, who is now universally considered a most potent auxiliary to modern educational forces

Each succeeding year shows a marked diminution of the prevalence of pediculosis capitis among the school children of San Francisco. This condition is due to the vigilance of the school nurse and could only be consummated under an organized system of school health inspection.

Cognizant of the frequency of dental caries among school children and of the constitutional and local causes underlying this condition, the medical inspectors in their routine examinations of the school children have given especial attention to this subject. Twenty-nine per cent of the total number of children examined during the year were found to have defective teeth; and accordingly defect notices were sent to parents, advising the immediate attention of the family dentist or that of a dental clinic in proximity to the residence of the child.

Sporadic attempts have been made during the year by certain organizations to disturb the fabric of school health inspection. During the last session of the State Legislature three pernicious measures aiming at the destruction of health inspection were introduced; one of these failed of passage and two others passed both houses of the legislature, but fortunately were pocket vetoed by His Excellency the Governor, who is evidently thoroughly familiar with the incalculable benefits resulting from health inspection in the schools of the State.

If any progress has been made during the past fiscal year in the system of health inspection of schools, that progress in no small measure is due to the Board of Education, the Superintendent of Schools and the Rev. Ralph Hunt, Superintendent of Parochial Schools, for unselfish and assiduous co-operation.

Appended will be found a recapitulation of work accomplished in both public and parochial schools, together with a separate report dealing with parochial schools exclusively.

Respectfully,

THOS. D. MAHER, M. D.,
Chief Medical Inspector of Schools.

TABLE 11

DIVISION OF SCHOOL HEALTH INSPECTION—(PUBLIC SCHOOLS).

Exclusions from public schools for the communicable diseases for the fiscal year ended June 30, 1917, were as follows:

Chickenpox	1,020
Chorea	7
Diphtheria	354
Diphtheria Carriers	24
Measles	2,870
Mumps	1,314
Scarlet Fever	435
Smallpox	12
Tonsillitis (acute)	63
Trachoma	8
Whooping Cough	173
Meningitis	1
Infantile Paralysis	6
Contacts (all)	3,321
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Total	9,608
General examination by nurses.....	188,492
Home visits by nurses.....	14,121
Dressings by nurses	9,493
Treatments by nurses	9,556
Examinations by Medical Inspectors.....	15,635
Defect notices issued parents	4,076
Vaccinations by Medical Inspectors.....	1,842
Swabs by Medical Inspectors.....	708
Results of defect notices issued parents—	
Treated by operation	811
Treated without operation	80
Vision corrected by glasses.....	236
Referred to clinics	287
Referred to societies	10

TABLE 11—(Continued).

EXCLUSIONS FROM PAROCHIAL SCHOOLS.

Chickenpox	52
Diphtheria	28
Measles	194
Mumps	53
Scarlet Fever	19
Smallpox	3
Tonsilitis (acute)	5
Whooping Cough	3
Diphtheria Carriers	2
Contacts (all)	206
<hr/>	
Total	565
General examinations by nurses.....	3,442
Home visits by nurses.....	800
Dressings by nurses	299
Treatments by nurses	227
Vaccination dressings	33
Vaccinations by Medical Inspectors.....	21
Swabs by Medical Inspectors.....	65
Treated by operation	3
Treated without operation	1
Vision corrected by glasses.....	6
Referred to clinics	5

TABLE 12
ANNUAL REPORT, DIVISION OF FOOD INSPECTION.
INSPECTIONS MADE.

Class of Business	Total	1915							1917				
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries.....	44			5	4	2	12	3	7	4	2	2	2
Butchershops.....	175	16	20	28	9	7	12	12	5	25	15	16	10
Candy Factories and Stores.....	361	4	4	13	78	20	11	12	20	35	16	18	23
Commission Houses.....	893	86	13	48	54	74	84	119	108	90	73	79	65
Delicacy Stores.....	179	6	4	6	13	26	2	38	13	11	19	21	20
Fruit Stores.....	349	45	13	107	18	8	18	20	13	37	28	14	28
Markets.....	885	25	13	65	49	127	196	21	56	80	66	101	86
Grocery Stores.....	683	36	23	50	48	63	61	97	58	75	74	45	50
Hotels and Restaurants.....	478	38	17	42	121	38	37	26	22	43	32	27	35
Milk Depots.....	52	12	5	2		3	6	3		5	1	8	18
Peddler Wagons.....	41		7							17	1	8	2
Wharves.....	179	22	8	2				6	51	29	18	30	13
Miscellaneous.....	1189	104	62	91	123	110	129	98	83	44	90	127	128
Warehouses.....	158	1				17	10	14	17	46	4	28	21
Total.....	5666	394	194	459	517	495	578	576	453	541	439	519	501

CONDEMNATIONS AND SEIZURES

Fruits—6075 pineapples, 507 boxes oranges.
Vegetables and Cereals—17 sacks, 20 boxes, 45 crates.
Canned and Bottled Goods, Dried Fruits—1,655 cans, 84 bottles, 4 kegs, 192 gal. cans, 190 lbs.
Poultry and Game—10 rabbits.
Miscellaneous—788 lbs.
Food and Drink Samples collected for Chemical Analyses, 791.
Nuisances Abated by Written Notice—404.

TABLE 13
ANNUAL REPORT DIVISION DAIRY INSPECTION

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
*Dairies Inspected in San Francisco County.....	510	7		21	99	82	59	63	61	72	11	11	24
Dairies Inspected in other counties.....	1280	82	103	118	83	92	87	120	89	123	127	139	117
*Dairy Depots.....	1784	39	27	7	95	116	163	246	111	196	280	242	262
*Miscellaneous Milk Venders.....	1128	27		91	96	108	159	106	35	50	56	226	174
Total.....	4702	155	130	237	373	398	468	535	296	441	474	618	577
Cows.....	142754	10652	10963	11962	8955	10977	11091	12456	11071	14293	14180	12360	13794
Cows Placed Under Quarantine.....	440	51	26	31	36	29	23	39	20	41	41	77	26
Cows Condemned and Killed.....	365	10	11	7	111	141	8	7	6	10	17	26	11
Milk Cans Condemned.....	242	29	31	6	27	33	30	26	20	49	23	33	35
Samples of Water Taken for Analysis.....	1		1										

* Inspections covered by two lay inspectors and one inspector of pasteurizing plants, also a layman. All other inspections performed by two Dairy Veterinarians in the field.

TABLE 14
ANNUAL REPORT, DIVISION OF MILK INSPECTION

Samples Taken From	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Milk Wagons.....	448	1	65	3	7	38	84		130	98	27	85	2
Depot and Dairies.....	405			1	1	35	15			73	142	47	
R. R. Depots and Wharves.....	2789	79	61	359	340	261	185	329	148	250	325	199	253
Groceries.....	14			11		1							2
Delicatessen Stores.....					35	44	2				1		
Hotels and Restaurants.....	82												
Bakeries.....		1		1									
Miscellaneous.....	2												
Total.....	3740	81	126	375	382	379	286	329	278	421	495	284	304

MILK BELOW STANDARD

BOARD OF HEALTH

Date	Ref. Read	Milk Fat	Total Solids	Not Fat	Milk Fat	Not Fat	Added Substance	Disposition
1916								
July 5.....	38.5	3.2	10.81	7.61	0.2	0.89	10% water	Arrested
July 6.....	41.9	3.2	12.12	8.82	0.2			Warned
July 6.....	42.5	2.9	12.05	9.15	0.5		Skimmed	Warned
Aug. 23.....	39.5	3.5	11.72	8.22		0.28	Added water	Warned
Aug. 29.....	37.7	3.6	11.43	7.83		0.67	10% water	Arrested
Sept. 13.....	42.1	2.7	11.52	8.82	0.7			Arrested
Sept. 16.....	41.5	3.3						Warned
Sept. 20.....	39.1	3.5	11.75	8.25		0.35	10% water	Arrested
Sept. 26.....	41.6	3.1	11.60	8.50	0.3			Arrested
Sept. 26.....	37.0	3.1	10.44	7.34	0.3	1.16	15% water	Arrested
Sept. 26.....	41.2	3.0	11.71	8.71	0.4			Warned
Sept. 27.....	40.6	2.9	10.70	7.80	0.5	0.70	10% water	Arrested
Sept. 16.....	42.0	2.9	11.55	8.65	0.5		Skimmed	Arrested
Sept. 16.....	41.9	2.8	11.37	8.57	0.6		Skimmed	Arrested
Oct. 5.....	41.7	2.6	10.15	7.55	0.8	0.99	Skimmed and watered	Arrested
Oct. 5.....	32.2	2.2	7.82	5.62	1.2	2.88	35% water	Arrested
Oct. 5.....	41.3	2.7	11.15	8.45	0.7	0.05	Skimmed	Arrested
Oct. 4.....	37.0	2.9	9.38	6.48	0.5	2.02	25% water	Arrested
Oct. 9.....	40.2	3.1	11.77	8.67	0.3			Warned
Oct. 13.....	39.7	3.6	11.80	8.20		0.30		
Oct. 13.....	37.3	3.0	10.45	7.45	0.4	1.05	20% water	Arrested
Oct. 17.....	42.1	1.9	10.68	8.78	1.5			Arrested
Oct. 17.....	43.0	2.5	11.32	8.82	0.9			Arrested
Oct. 18.....	41.2	3.0	11.68	8.68	0.4			Arrested

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids		Below Standard.		Added Substance	Disposition
				Not Fat	Fat	Milk Fat	Solids Not Fat		
1916									
Oct. 25	41.5	3.1	11.67	8.57	0.3				Warned
Oct. 25	42.0	2.8	12.28	9.28	0.6				Arrested
Oct. 27	41.8	2.8	11.91	9.11	0.6				Arrested
Oct. 27	42.1	2.5	11.63	9.13	0.9				Arrested
Oct. 31	39.7	3.8	11.76	7.96				'0% water	Arrested
Nov. 13	43.2	3.2	12.18	8.98	0.2				Warned
Nov. 13	42.7	2.9	11.50	8.60	0.5			10% water	Warned
Nov. 22	38.8	3.8	11.74	7.94		0.56			Arrested
Nov. 25	43.2	3.1	12.67	9.66	0.3				Warned
Nov. 14	42.0	2.2	11.36	9.16	1.2				Warned
Nov. 14	40.0	1.9	10.16	8.26	1.5			Skimmed and watered	Arrested
Nov. 17	41.5	2.1	11.09	8.99	1.3				Warned
Nov. 17	40.2	3.2	11.74	8.54	0.2				Warned
Nov. 17	41.4	2.5	11.88	8.68	0.9				Warned
Nov. 17	40.0	2.0	10.73	8.73	1.4				Warned
Nov. 17	40.0	3.3	11.54	8.24	0.1		0.26	Watered	Arrested
Nov. 17	40.1	1.9	10.03	8.13	1.5		0.37	Skimmed and watered	Arrested
Nov. 20	39.2	4.1	12.19	8.09	3.2		0.41	10% water	Arrested
Nov. 20	39.0	4.1	12.21	8.11			0.39	10% water	Arrested
Dec. 7	39.4	3.6	11.72	8.12			0.38	10% water	Arrested
Dec. 15		2.6							Warned
Dec. 17	42.7	1.8	11.09	9.29	1.6			15% water	Warned
Dec. 19	38.5	3.2	10.68	7.48	0.2		1.02		Arrested
1917									
Jan. 8	39.2	4.0	11.45	7.45				10% water	Arrested
Jan. 8	42.7	2.2			1.2				Warned
Jan. 10	38.7	4.1	11.62	7.62			0.88	10% water	Arrested

1914	Jan. 22.....	33.4	3.2	9.16	5.96	0.2	2.54	30% water	Arrested
Jan. 22.....	41.3	3.0	11.66	8.66	0.4				Warned
Jan. 23.....	39.5	4.2	12.24	8.04				10% water	Arrested
Jan. 25.....	43.2	3.1	12.42	9.32	0.3				Warned
Jan. 25.....	41.8	3.1	11.94	8.84	0.3				Warned
Jan. 13.....	39.1	3.9	11.88	7.98			.52	10% water	Arrested
*Feb. 6.....	41.8	3.1	11.43	8.13	0.3		0.37		Warned
*Feb. 13.....	40.4	3.0	11.16	8.16	0.4		0.34	4% water	Arrested
Mar. 6.....	42.6	3.0	11.53	8.53	0.4				Warned
Mar. 7.....	43.0	3.2	12.42	9.82	0.2				Warned
Mar. 8.....	43.0	3.2	12.36	9.16	0.2				Warned
Mar. 8.....	43.7	2.9	12.12	9.32	0.5				Warned
Mar. 8.....	43.0	2.7	12.87	10.17	0.7				Warned
Mar. 8.....	41.0	3.0	11.18	8.18	0.4		0.32		Warned
Mar. 9.....	41.3	2.9	11.51	8.61	0.5				Warned
Mar. 28.....	39.2	3.9	11.87	7.97			0.53	10% water	Arrested
Mar. 28.....	39.0	3.8	11.45	7.65			0.85	10% water	Arrested
Mar. 28.....	42.2	2.0	11.80	9.80	1.4			Skimmed	Warned
Mar. 29.....	38.4	3.0	10.56	7.56	0.4		0.94	10% water	Arrested
Mar. 29.....	41.7	2.8	11.58	8.78	0.6			Skimmed	Warned
Apr. 3.....	42.6	2.6	11.89	9.29	0.8				Warned
Apr. 3.....	42.4	3.1	11.93	8.83	0.3				Warned
Apr. 3.....	39.3	3.5	11.75	8.25			0.25	10% water	Arrested
Apr. 3.....	35.8	3.4	10.12	6.72			1.78	20% water	Arrested
Apr. 4.....	42.4	3.0	12.51	9.51	0.4				Warned
Apr. 4.....	42.4	3.1	12.23	9.13	0.3				Warned
Apr. 5.....	39.7	4.0	12.21	8.21			0.29		Warned
Apr. 5.....	41.0	2.9	11.70	8.80	0.5				Warned
Apr. 5.....	39.5	3.6	11.58	7.98			0.52		Warned
Apr. 5.....		2.5	11.47	8.97	0.9				Warned
Apr. 18.....	42.0	2.8	11.45	8.65	0.6				Warned
Apr. 18.....	41.0	3.0	11.41	8.41	0.4		0.09		Warned
Apr. 19.....	42.2	2.4	11.86	9.48	1.0				Warned

TABLE 15—Continued.

Date	Ref. Read	Milk Fat	Total Solids	Solids		Below Standard.		Added Substance	Disposition
				Not Fat	Fat	Milk Fat	Solids Not Fat		
1917									
Apr. 20	42.0	3.0	11.94	8.94		0.4			Warned
Apr. 20	42.2	3.0	12.03	9.03		0.4			Warned
Apr. 20	42.9	2.0	10.96	8.96		1.4			Arrested
June 4	39.5	3.6	11.58	7.98					Arrested
June 6	41.7	2.9	11.42	8.52		0.5		10% water	Warned
June 6	42.8	2.9	12.00	9.10					Warned
June 7	43.1	2.8	11.58	8.78		0.6			Warned
June 11	42.3	2.8	11.01	8.21		0.6		0.29	Arrested
June 11	43.4	2.9	11.90	9.00		0.5			Arrested

TABLE 15—Continued.

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY

Ordinance 3961 (regulating the handling and sale of milk).

Date of Offense	Date of Trial	Disposition of Case
June 13, 1916	July 13, 1916	\$10.00.
May 9, 1916	July 6, 1916	Dismissed.
June 13, 1916	July 17, 1916	Sentence suspended 6 months.
June 13, 1916	July 18, 1916	O. R. 6 months.
June 27, 1916	July 18, 1916	O. R. 60 days.
June 26, 1916	July 27, 1916	\$200.00.
June 17, 1916	July 27, 1916	O. R.
June 17, 1916	July 27, 1916	\$140.00.
June 26, 1916	Aug 4, 1916	\$100.00.
June 28, 1916	Aug. 5, 1916	\$50.00.
June 28, 1916	Aug. 22, 1916	O. R. 60 days.
June 13, 1916	Aug. 4, 1916	Dismissed.
June 27, 1916	Aug. 18, 1916	Dismissed.
June 28, 1916	Aug. 16, 1916	Dismissed.
July 5, 1916	Aug. 31, 1916	\$10.00.
July 29, 1916	Sept. 14, 1916	Dismissed.
Oct. 5, 1916	Oct. 17, 1916	\$10.00.
Oct. 4, 1916	Oct. 18, 1916	\$10.00.
Sept. 16, 1916	Oct. 17, 1916	\$10.00.
Sept. 5, 1916	Oct. 23, 1916	Dismissed.
Sept. 15, 1916	Oct. 23, 1916	\$10.00.
Sept. 13, 1916	Nov. 15, 1916	O. R. 60 days.
Sept. 15, 1916	Nov. 15, 1916	\$25.00.
Sept. 26, 1916	Dec. 1, 1916	O. R. 60 days.
Nov. 24, 1916	Dec. 5, 1916	O. R. 60 days.
Nov. 22, 1916	Dec. 8, 1916	O. R. 60 days.
Nov. 20, 1916	Dec. 8, 1916	O. R. 60 days.
Sept. 20, 1916	Dec. 19, 1916	\$25.00.
Dec. 19, 1916	Dec. 29, 1916	\$25.00.
Nov. 20, 1916	Jan. 3, 1917	\$25.00.
Nov. 17, 1916	Jan. 3, 1917	\$10.00.
Jan. 10, 1917	Jan. 31, 1917	\$50.00.
Jan. 13, 1917	Feb. 1, 1917	\$50.00.
Jan. 23, 1917	Feb. 5, 1917	\$10.00 forfeited.
Jan. 22, 1917	Feb. 9, 1917	O. R. 90 days.
Jan. 7, 1917	Feb. 21, 1917	\$100.00.
Mar. 28, 1917	April 23, 1917	\$25.00.
Mar. 3, 1917	Mar. 30, 1917	\$100.00.
May 20, 1917	April 1, 1917	Dismissed.

TABLE 16.
BACTERIAL COUNTS—JULY, 1916.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....		
10,000 to	50,000.....	46	
50,000 to	100,000.....	1	
100,000 to	250,000.....	4	
250,000 to	500,000.....	7	
500,000 to	1,000,000.....	11	
Over	1,000,000.....	8	

77

Rating for the month, Levy method, 61%.

MILK BACTERIAL COUNTS—AUGUST, 1916.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....		
10,000 to	50,000.....	8	18
50,000 to	100,000.....	1	4
100,000 to	250,000.....		4
250,000 to	500,000.....		4
500,000 to	1,000,000.....		
Over	1,000,000.....		

9

30

Rating for the month, Levy method, 77%.

MILK BACTERIAL COUNTS—SEPTEMBER, 1916

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....		
10,000 to	50,000.....	211	
50,000 to	100,000.....	48	
100,000 to	250,000.....	39	
250,000 to	500,000.....	27	
500,000 to	1,000,000.....	11	
Over	1,000,000.....	17	

353

Rating for the month, Levy method, 72%.

MILK BACTERIAL COUNTS—OCTOBER, 1916.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	167	
10,000 to	50,000.....	59	
50,000 to	100,000.....	51	
100,000 to	250,000.....	40	
250,000 to	500,000.....	12	
500,000 to	1,000,000.....	10	
Over	1,000,000.....	4	

343

Rating for the month, Levy method, 82%.

TABLE 16—Continued.

MILK BACTERIAL COUNTS—NOVEMBER, 1916.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	148	2
10,000 to	50,000.....	45	4
50,000 to	100,000.....	28	4
250,000 to	250,000.....	5	1
500,000 to	1,000,000.....	1	
Over	1,000,000.....		
		249	11

Rating for the month, Levy method, 89%.

MILK BACTERIAL COUNTS—DECEMBER, 1916.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	62	
10,000 to	50,000.....	28	
50,000 to	100,000.....	38	
100,000 to	250,000.....	20	
250,000 to	500,000.....	1	
500,000 to	1,000,000.....	1	
Over	1,000,000.....	1	
		151	

Rating for the month, Levy method, 83%.

MILK BACTERIAL COUNTS—JANUARY, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	149	
10,000 to	50,000.....	61	
50,000 to	100,000.....	66	
100,000 to	250,000.....	22	
250,000 to	500,000.....	10	
500,000 to	1,000,000.....	9	
Over	1,000,000.....	6	
		323	

Rating for the month, Levy method, 82.4%.

MILK BACTERIAL COUNTS—FEBRUARY, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	71	39
10,000 to	50,000.....	31	30
50,000 to	100,000.....	22	27
100,000 to	250,000.....	17	10
250,000 to	500,000.....	3	
500,000 to	1,000,000.....	2	
Over	1,000,000.....	4	
		150	106

Rating for the month, Levy method, 83.1%.

TABLE 16—Continued.

MILK BACTERIAL COUNTS—MARCH, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	47	67
10,000 to	50,000.....	28	47
50,000 to	100,000.....	32	32
100,000 to	250,000.....	21	31
250,000 to	500,000.....	3	25
500,000 to	1,000,000.....	1	16
Over	1,000,000.....	2	22
		134	240

Rating for the month, Levy method, 82%.

MILK BACTERIAL COUNTS—APRIL, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	42	57
10,000 to	50,000.....	18	91
50,000 to	100,000.....	18	55
100,000 to	250,000.....	9	19
250,000 to	500,000.....	4	28
500,000 to	1,000,000.....	3	32
Over	1,000,000.....	1	19
		95	301

Rating for the month, Levy method, 69%.

MILK BACTERIAL COUNTS—MAY, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	30	13
10,000 to	50,000.....	41	15
50,000 to	100,000.....	25	9
100,000 to	250,000.....	14	6
250,000 to	500,000.....	11	2
500,000 to	1,000,000.....	6	1
Over	1,000,000.....	10	
		137	46

Rating for the month, Levy method, 73%.

MILK BACTERIAL COUNTS—JUNE, 1917.

Bacteria per c.c.		Number of samples Shippers	Number of samples Wagons—Stores
Under	10,000.....	11	5
10,000 to	50,000.....	26	4
50,000 to	100,000.....	21	9
100,000 to	250,000.....	35	5
250,000 to	500,000.....	24	2
500,000 to	1,000,000.....	23	1
Over	1,000,000.....	31	2
		171	28

Rating for the month, Levy method, 47%.

TABLE 16—Continued.

BACTERIAL INDEX.

The Bacterial Index of the milk supply of the City as determined by the Levy method recommended by the American Public Health Association was 74.9 per cent for the year 1916-17 as shown below:

		Samples No. of	Figure Rating	Product
Under	10,000.....	910	100	91,000
10,000 to	50,000.....	811	90	72,990
50,000 to	100,000.....	491	75	36,825
100,000 to	250,000.....	319	50	15,950
250,000 to	500,000.....	168	20	3,360
500,000 to	1,000,000.....	128	10	3,360
Over	1,000,000.....	127	0	0
		<hr/> 2954		<hr/> 221,405
		221405 = 74.9%		
		<hr/> 2954		

TABLE 17.

CHEMICAL LABORATORY

GENERAL SUMMARY OF ANALYSES MADE DURING THE FISCAL YEAR
ENDING JUNE 30, 1917.

Air	4	Macaroons	1
Anchovies	1	Maple Syrup	1
Aspirin Tablets	4	Meat	7
Baking Powder	1	Meat Pickle	2
Beans	2	Medicine	1
Beautifier	1	Milks	3673
Beer	276	Minced Clam	1
Black Powder	1	Mission Punch	1
Blanket	2	Mustard	2
Bread	22	Non-alcoholic drinks	3
Butter	7	Noodles	10
Candle Nuts	1	Olive Oil	5
Candy	28	Olives	4
Candy Color	2	Oranges	14
Candy Flavor	1	Oysters	1
Canned Crab	1	Pastry	6
Canned Salmon	2	Peanut Candy	1
Canned Shad	1	Peanuts	2
Canned Shrimp	4	Pickles	5
Canned Fish	5	Pills	5
Catsups	3	Pills	1
Chili Sauce	1	Porks and Beans	2
Cleaners	3	Relishes	1
Clam Chowder	1	Rouge	2
Coffee	4	Salad Oil	2
Cold Cream	1	Salmon Paste	1
Condensed Milk	18	Sardines	6
Corn	5	Sausage	48
Cream	29	Sausage Cereal	1
Devilleed Sardines	1	Soap	4
Disinfectants	5	Soda Water	14
Drug (Gon. Remedy)	1	Stuffed Olives	1
Eggs	2	Sugar	4
Face Powder	1	Table Cloth	1
Face Cream	1	Table Syrup	1
Fish	4	Thermometers	50
Fish Flakes	1	Tomato Puree	3
Flour	2	Tomato Sauce	1
Foods	7	Toxicological	33
Frankfurters	2	Urine	29
Hamburger	8	Vinegar	3
Honey	4	Waters	279
Hot Sauce	1	Whisky	9
Ice Cream	27	Wine	3
Jams	4	Worcestershire Sauce	1
Lard	2	Wyandotte Cleanser	1
Liq. Cresolis Comp.	1		

TABLE 19.

SPRING VALLEY WATER CO.—CLARENDON HEIGHTS—FISCAL YEAR 1916-1917.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Consumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	PRESUMPTIVE COLON TEST
						Nitrites.....	Nitrates.....	Free Ammonia.....	Albuminoid Ammonia...					
7-21-16	Clear	274	59	215	21	None	Trace	.013	.1300	1	B. 3	400	380 B.	Coli absent in 10cc
9-7-16	Turbid, good	302	70	232	26	None	.560	.1040	.0546	1	Bl. 2	250	130 B.	Coli absent in 10cc
10-4-16	Clear, good	270	56	214	24	None	None	.0338	.0702	1	B. 3	200	108 B.	Coli absent in 10cc
11-9-16	Clear	326	43	283	25	None	Trace	.0260	.0572	1	B.S. 2	50	56 B.	Coli absent in 10cc
12-28-16	Turbid	315	60	255	26	Trace	0.9000	.0702	.1131	2	B.S. 2	192	128 B.	Coli present in 5cc
1-15-17	Turbid	297	70	227	23	None	0.9000	.0169	.0312	1	B. 3	28	26 B.	Coli present in 10cc
2-23-17	Clear	287	43	244	20	None	0.800	.0311	.0663	1	B. 3	9200	5700 B.	Coli absent in 10cc
3-21-17	Clear, good	268	35	233	20	None	Trace	.0208	.0689	1	B. 3	38	8 B.	Coli present in 5cc
4-11-17	Turbid, fair	231	40	191	27	Trace	Trace	.0208	.0687	1	B. 3	2300	60 B.	Coli absent in 10cc
5-10-17	Turbid, good	237	30	207	23	None	Trace	.0065	.0702	1	Bl. 2	80	40 B.	Coli present in 5cc
6-14-17		230	55	175	25	Trace	.160	.0117	.0986	1	B.	250 B.	250 B.	Coli absent in 10cc

SPRING VALLEY WATER CO.—CLAY ST. TANK—FISCAL YEAR 1916-1917.

7-21-17	Clear	249	70	179	24	None	Trace	.0260	.1118	2	B. 3	600	3000 B.	Coli present in 10cc
9-7-16	Clear, good	275	35	240	29	Trace	.210	.0143	.0650	1	Bl. 2	120	100 B.	Coli present in 10cc
11-10-16	Clear	268	36	232	27	None	Trace	.0429	.0910	2	B. 3	24	24 B.	Coli absent in 10cc
12-28-16	Turbid	302	28	274	29	None	Trace	.0117	.0728	1	B.S. 2	54	24 B.	Coli absent in 10cc
1-15-17	Clear	307	69	238	26	None	0.900	.0194	.0858	1	B. 2	46	20 B.	Coli present in 10cc
2-24-17	Clear	276	41	235	26	None	None	.0321	.0655	1	N.B. 1	120	20 B.	Coli present in 10cc
3-20-17	Clear, good	267	50	217	23	None	0.600	.0078	.0624	1	B. 2	1400	12 B.	Coli present in 10cc
4-11-17	Clear, fair	238	33	205	21	Trace	Trace	.0963	.1170	1	B. 3	250	16 B.	Coli absent in 10cc
5-10-17	Clear, good	267	73	192	23	None	Trace	.0104	.1027	1	Bl. 2	44	16 B.	Coli present in 10cc
6-14-17	Clear	215	56	159	24	Trace	.160	.0169	.1118	1	B.	128 B.	128 B.	Coli absent in 10cc

* Spreader.

TABLE 19—Continued.
 SPRING VALLEY WATER CO.—COLLEGE HILL—FISCAL YEAR 1916-1917.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 370.....	PRESUMPTIVE COLON TEST
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia..					
7-19-16	Turbid	149	37	112	23	None	None	.0234	.1950	3	B. 3	240	130 B.	Coli present in 10cc
9-16-16	Turbid	149	55	94	24	Trace	None	.0104	.1261	3	Bl. 2	46	30 B.	Coli present in 10cc
10-2-16	Turbid, good	134	81	53	23	None	None	.0026	.1378	3	B. 3	140	20 B.	Coli absent in 10cc
11-10-16	Clear	136	34	102	26	None	None	.0247	.0936	2	B. 3	14	10 B.	Coli present in 5cc
12-28-16	Turbid	141	17	123	25	None	None	.0221	.3978	3	B. 3	66	36 B.	Coli present in 5cc
1-15-17	Turbid	159	65	84	25	Trace	None	.0494	.1775	2	B. 3	54	320 B.	Coli present in 10cc
2-23-17	Turbid	140	35	105	29	None	None	.0455	.1313	2	B. 3	60	22 B.	Coli absent in 10cc
3-20-17	Turbid	152	41	111	24	None	Trace	.0065	.0949	1	B. 2	1400	12 B.	Coli absent in 10cc
4-11-17	Turbid	243	65	178	21	None	Trace	.0104	.1846	1	B. 3	250	44 B.	Coli absent in 10cc
5-8-17	Turbid	282	43	239	24	None	Trace	.0117	.1170	1	Bl. 2	*	28 B.	Coli present in 1cc
6-11-17	Clear	238	38	200	23	Trace	Trace	.0390	.1651	1	B.	*	8054 B.	Coli absent in 10cc

* Spreader.

SPRING VALLEY WATER CO.—FRANCISCO STREET RESERVOIR—FISCAL YEAR 1916-17.

7-19-16	Turbid	207	40	167	30	None	None	.0234	.1950	3	B. 3	5000	8000 B.	Coli present in 1cc
9-7-16	Clear, fair	291	70	221	27	Trace	.0380	.0520	.0910	1	Bl. 2	800	200 B.	Coli present in 10cc
10-4-16	Clear, good	196	30	166	32	None	None	.0195	.1079	2	B. 3	400	250 B.	Coli present in 10cc
11-9-16	Turbid	200	29	171	30	None	Trace	.0481	.1235	2	B. 3	120	80 B.	Coli absent in 10cc
12-27-16	Turbid	326	60	266	25	Trace	Trace	.0039	.1144	2	N.B. 1	94	80 B.	Coli present in 1cc
1-15-17	Turbid	284	51	233	22	Trace	.600	.0169	.0507	1	N.B. 1	66	200 B.	Coli present in 10cc
2-24-17	Turbid green	285	75	210	23	None	None	.0247	.1414	6	B. 3	250	48 B.	Coli present in 10cc
3-21-17	Clear, fair	266	45	221	20	None	.800	.0143	.0572	1	B. 3	140	128 B.	Coli absent in 10cc
4-11-17	Clear, good	224	68	156	21	None	Trace	.0130	.1066	1	B. 3	250	30 B.	Coli absent in 10cc
5-10-17	Turbid	240	45	195	26	None	Trace	.0091	.0936	2	Bl. 2	380	300 B.	Coli absent in 10cc
6-14-17	Clear	215	31	184	27	Trace	Trace	.0169	.0325	1	B.	*	1152 B.	Coli present in 10cc

SPRING VALLEY WATER CO.—LOMBARD ST. RESERVOIR—FISCAL YEAR 1916-1917.

7-19-16	Turbid	167	37	130	29	None	Trace	.0234	.1690	2	B. 3	1200	200 B.	Coli present	in 5cc
9-7-16	Clear	173	25	148	29	Trace	.560	.0925	.1365	1	Bl. 2	500	260 B.	Coli absent	in 10cc
10-14-16	Clear	206	40	166	32	None	None	.0091	.1950	1	B. 3	200	120 B.	Coli absent	in 10cc
11-9-16	Turbid	198	21	177	30	None	Trace	.0297	.1157	2	B. 3	70	60 B.	Coli absent	in 10cc
12-28-16	Turbid	200	79	121	28	Trace	Trace	.0221	.1105	2	B. 3	64	170 B.	Coli present	in 1cc
1-15-17	Clear	204	66	138	32	Trace	Trace	.0169	.0949	2	B. 3	500	50 B.	Coli present	in 10cc
2-23-17	Clean	225	55	170	31	None	None	.0260	.0884	2	B. 3	530	10 B.	Coli absent	in 10cc
3-21-17	Turbid, yellowish	202	30	172	31	None	Trace	.0182	.1144	3	B. 3	88	*	B. Coli absent	in 10cc
4-11-17	Clear, yellowish	227	57	214	44	None	None	.0286	.1820	2	B. 3	8000	*	B. Coli present	in 10cc
5-10-17	Turbid, fair	267	53	179	35	None	None	.0065	.2080	2	Bl. 1	60	30 B.	Coli present	in 1cc
6-14-17	Clear	236	57	172	33	Trace	Trace	.0208	.1820	2	B.	768	640 B.	Coli absent	in 10cc

* Spreader.

SPRING VALLEY WATER CO.—POTRERO HEIGHTS—FISCAL YEAR 1916-1917.

7-21-16	Clear, fair	261	45	216	23	None	None	.0143	.1820	2	B. 3	480	320 B.	Coli absent	in 10cc
9-6-16	Turbid, fair	307	53	254	27	Trace	.540	.0325	.1027	1	Bl. 2	380	250 B.	Coli present	in 10cc
10-2-16	Turbid, good	281	74	207	23	None	Trace	.0442	.0576	1	B. 2	200	100 B.	Coli absent	in 10cc
11-10-16	Clear	314	40	274	29	None	Trace	.0455	.0936	1	B. S. 2	18	12 B.	Coli absent	in 10cc
12-29-16	Turbid	305	46	259	26	Trace	.8000	.0445	.1235	2	N. B. 1	100	38 B.	Coli present	in 5cc
1-16-17	Clear	280	77	203	23	.0005	.600	.0299	.1274	1	B. S. 2	78	54 B.	Coli present	in 10cc
2-23-17	Turbid	283	30	253	32	None	Trace	.0156	.0962	1	B. 3	180	12 B.	Coli present	in 10cc
3-20-17	Clear, fair	264	41	223	20	Trace	Trace	.0104	.1131	1	Bl. 1	600	22 B.	Coli present	in 10cc
4-15-17	Clear, yellowish	232	36	196	29	Trace	None	.0052	.1131	1	B. 2	380	18 B.	Coli absent	in 10cc
5-8-17	Clear	253	68	185	28	None	None	.0325	.1235	2	B.	70	30 B.	Coli present	in 5cc
6-13-17	Clear	215	33	182	26	Trace	5.110	.0806	.2990	2	B.	1536	168 B.	Coli absent	in 10cc

TABLE 19—Continued.
 SPRING VALLEY WATER CO.—PRESIDIO HEIGHTS—FISCAL YEAR 1916-1917.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	PRESUMPTIVE COLON TEST
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....					
7-21-16	Clear	265	61	204	23	None	Trace	.0117	.0481	1	B. 3	950	750 B.	Coli absent in 10cc
9-7-16	Clear	342	52	209	27	Trace	None	.0286	.0611	1	Bl. 2	250	60 B.	Coli absent in 10cc
10-4-16	Clear	272	33	239	25	None	None	.0468	.0624	1	B. 2	350	150 B.	Coli absent in 10cc
11-9-16	Clear	302	40	262	25	None	None	.0312	.0884	1	B. 2	108	82 B.	Coli absent in 10cc
1-26-17	Clear	287	42	245	22	None	.800	.0169	.0416	1	N.B. 1	2	700 B.	Coli absent in 10cc
2-23-17	Clear	290	36	254	22	None	None	.0221	.0585	1	N.B. 1	4	10 B.	Coli absent in 10cc
3-21-17	Clear	268	40	228	20	None	1,200	.0091	.0494	1	B. 3	30	10 B.	Coli absent in 10cc
4-10-17	Clear	228	65	163	21	None	None	.0104	.0141	1	B. 3	1400	38 B.	Coli absent in 10cc
5-14-17	Clear	249	40	209	24	None	None	.0065	.0741	2	Bl. 2	64	38 B.	Coli present in 10cc
6-14-17	Clear	227	56	171	24	Trace	.220	.0234	.0572	1	B.	2204	640 B.	Coli present in 1cc

* Spreader.

SPRING VALLEY WATER CO.—UNIVERSITY MOUND RESERVOIR—FISCAL YEAR 1916-1917.

7-9-16	Turbid	273	74	199	23	None	Trace	.0195	.1950	1	B. 2	950	900 B.	Coli present in 5cc
9-6-16	Good	312	35	277	23	None	.540	.0013	.0702	1	Bl. 3	60	30 B.	Coli absent in 10cc
10-2-16	Clear	280	14	236	28	None	Trace	.0494	.0702	1	N.B. 1	200	50 B.	Coli present in 10cc
11-10-16	Clear	296	18	283	27	None	Trace	.0455	.1157	1	N.B. 1	16	8 B.	Coli present in 1cc
12-29-16	Turbid	385	120	265	24	Trace	.6000	.0416	.1170	1	B. 3	128	1600 B.	Coli present in 10cc
1-16-17	Clear	297	98	199	23	Trace	.9000	.0169	.0546	1	B.S. 2	60	30 B.	Coli present in 1cc
2-23-17	Clear	279	34	245	22	None	1,200	.0182	.1157	1	B. 2	500	80 B.	Coli present in 10cc
3-20-17	Clear	258	54	203	21	Trace	.800	.0104	.0624	1	B. 2	13800	128 B.	Coli absent in 10cc
4-15-17	Clear	222	50	172	20	Trace	None	.0104	.0624	1	B. 3	66	12 B.	Coli absent in 10cc
5-8-17	Clear	257	68	189	27	None	Trace	.0145	.9470	3	B. 3	256	66 B.	Coli present in 5cc
6-11-17	Turbid, yellowish	219	46	173	27	Trace	.600	.0078	.1248	1	B.	20	8 B.	Coli present in 5cc

SPRING VALLEY WATER CO.—LAKE HONDA—FISCAL YEAR 1916-1917.

7-18-16	Turbid	161	24	137	30	None	Trace	.0110	.0195	2	B. 3	40	B.	Coli present in 5cc
9-6-16	Turbid, yellowish	153	30	123	31	None	Trace	.082	.1417	4	Bl. 3	40	50 B.	Coli absent in 10cc
10-2-16	Turbid, good	185	30	155	35	None	None	.0103	.1378	3	B. 3	240	150 B.	Coli present in 10cc
11-10-16	Clear	138	18	140	36	.0005	None	.051	.1300	3	B. 3	26	18 B.	Coli present in 5cc
12-28-16	Turbid	180	45	135	32	None	None	.0221	.1625	3	B. 3	36	60 B.	Coli present in 10cc
1-16-17	Clear	172	62	110	33	Trace	None	.0299	.1690	3	B. 3	760	600 B.	Coli present in 10cc
2-23-17	Turbid	197	33	169	33	None	None	.0386	.1430	2	B. 3	260	16 B.	Coli absent in 10cc
3-20-17	Turbid, yellowish	183	34	149	37	None	Trace	.0169	.1716	3	B. 3	640	28 B.	Coli absent in 10cc
4-13-17	Turbid, good	226	43	183	35	None	Trace	.0143	.2210	3	Bl. 2	100	16 B.	Coli present in 1cc
5-11-17	Turbid, fair	255	51	204	38	Trace	None	.0091	.2210	2	B.	80	N. G. B.	Coli present in 10cc
6-13-17	Clear	244	28	195	31	Trace	Trace	.0104	.1469	1	B.	32	28 B.	Coli present in 10cc

SPRING VALLEY WATER CO.—NORTH LAKE MERCED—FISCAL YEAR 1916-1917.

7-18-16	Turbid, yellowish	293	67	226	76	None	Trace	.0156	.4290	4	B. 3	8000	250 B.	Coli present in 5cc
9-6-16	Turbid, yellowish	275	55	220	67	None	Trace	.0181	.3510	5	Bl. 3	250	360 B.	Coli absent in 10cc
10-2-16	Clear	304	81	223	67	Trace	None	.0168	.3341	6	B. 3	650	250 B.	Coli absent in 10cc
11-10-16	Turbid, yellowish	273	42	231	65	None	None	.0390	.3770	5	B. 3	60	54 B.	Coli present in 1cc
12-28-16	Turbid	293	92	201	64	None	None	.0312	.2990	5	B. 3	58	86 B.	Coli present in 1cc
1-16-17	Turbid	273	82	191	61	Trace	None	.0312	.4160	4	B. 3	800	1500 B.	Coli present in 1cc
2-23-17	Turbid	257	60	191	64	None	None	.2340	.3250	4	B. 3	1900	250 B.	Coli absent in 10cc
3-20-17	Clear, yellowish	297	68	229	63	Trace	None	.0091	.3185	3	B. 2	650	116 B.	Coli present in 10cc
4-13-17	Turbid, yellowish	265	33	232	53	None	None	.0104	.5070	6	B. 3	640	80 B.	Coli absent in 10cc
5-11-17	Turbid, very dirty	308	68	240	64	None	None	.8380	.7930	6	Bl. 2	380	N. G. B.	Coli present in 1cc
6-13-17		270	69	201	66	Trace	None	.0130	.4680	4	B.	13824	5760 B.	Coli absent in 10cc

TABLE 19—Continued.
 SPRING VALLEY WATER CO.—SOUTH LAKE MERCED—FISCAL YEAR 1916-1917.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	PRESUMPTIVE COLON TEST
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia...					
7-18-16	Turbid	290	62	228	67	None	Trace	.0169	.403	4	B. 3	1200	380 B.	Coli present in 5cc
9-16-16	Turbid,	295	70	225	66	Trace	None	.1040	.416	7.0	Bl. 3	130	126 B.	Coli absent in 10cc
10-2-16	yellowish	286	70	216	65	None	None	.0360	.3445	6	B. 3	250	125 B.	Coli absent in 10cc
11-10-16	Turbid,	279	37	242	67	None	None	.0147	.4257	5	B. 3	30	40 B.	Coli present in 1cc
12-28-16	yellowish	303	91	212	63	None	None	.0741	.429	5	B. 3	30	84 B.	Coli present in 1cc
1-16-17	Turbid,	284	83	201	62	None	None	.0458	.2132	4	B. 3	148	16 B.	Coli present in 1cc
2-23-17	Turbid,	284	61	223	64	Trace	None	.0360	.371	4	B. 3	25	88 B.	Coli present in 10cc
3-20-17	yellowish	281	63	218	56	None	None	.0234	.325	4	B. 3	1200	40 B.	Coli absent in 10cc
4-13-17	yellowish	273	48	225	57	None	None	.0239	.364	4	B. 3	300	32 B.	Coli absent in 10cc
5-11-17	Turbid,	283	65	218	61	None	None	.0182	.364	5	Bl. 2	80	N. G. B.	Coli present in 1cc
6-13-17	Clear	264	53	211	68	Trace	None	.0195	.403	5	B.	691	4600 B.	Coli absent in 10cc

MUNICIPAL WATER WELL (OR TANK)—FISCAL YEAR 1916-1917.

7-21-16	Clear	290	85	235	43	None	8.700	.0039	.0273	1	N.B. 1	30	25 B.	Coli absent in 10cc
9-7-16	Clear	295	80	210	43	None	6.800	.0078	.0338	0.3	N.B. 1	500	40 B.	Coli absent in 10cc
10-4-16	Clear	237	56	239	46	Trace	8.240	.0247	.0416	1	B.S. 1	3000	1000 B.	Coli absent in 10cc
11-10-16	Clear	317	32	205	49	None	7.400	.0169	.0260	1	N.B. 1	98	24 B.	Coli present in 5cc
12-29-16	Clear	321	105	212	45	.010	5.400	.0065	.0091	1	N.B. 1	4	8 B.	Coli present in 10cc
1-18-17	Clear	297	90	231	44	Trace	6.400	.0208	.0288	1	N.B. 1	8	6 B.	Coli present in 10cc
2-26-17	Clear	290	60	237	49	.010	12.900	.0231	.0346	1	N.B. 1	200	4 B.	Coli present in 10cc
3-20-17	Clear	296	59	231	47	Trace	7.300	.0130	.0221	1	N.B. 1	1100	14 B.	Coli present in 10cc
4-15-17	Clear	308	55	241	57	None	5.900	.0032	.0260	1	N.B. 1	760	8 B.	Coli absent in 10cc
5-9-17	Clear	320	111	197	48	Trace	8.400	.0078	.013	1	N.B. 1	60	16 B.	Coli present in 5cc
6-13-17	Clear	79	79	197	41	Trace	5.100	.0091	.0585	1	N.B. 1	8064	192 B.	Coli present in 5cc

MUNICIPAL RESERVOIR—FISCAL YEAR 1916-1917.

7-21-16	Clear	334	102	232	42	None	8.400	.0026	.0195	1	N.B. 1	400	43 B.	Coli absent	in 10cc
9-7-16	Clear	310	93	217	46	None	6.800	.0299	.0429	3	N.B. 1	400	800 B.	Coli present	in 10cc
10-4-16	Clear	293	48	245	45	None	8.040	.0195	.0078	1	N.B. 1	160	52 B.	Coli absent	in 10cc
11-10-16	Clear	283	22	261	45	None	5.500	.0286	.0715	1	N.B. 1	54	20 B.	Coli present	in 5cc
12-29-16	Clear	285	31	254	46	.0010	7.800	.0247	.0487	1	N.B. 1	6	6 B.	Coli present	in 10cc
1-18-17	Clear	322	88	234	44	Trace	6.400	.0091	.0286	1	N.B. 1	1900	4 B.	Coli present	in 10cc
2-26-17	Clear	287	46	241	45	.002	11.60	.0104	.0169	1	N.B. 1	1500	14 B.	Coli present	in 10cc
3-20-17	Turbid	362	79	283	45	Trace	6.100	.0390	.0429	1	N.B. 1	200	120 B.	Coli absent	in 10cc
4-15-17	Clear	288	58	230	48	Trace	5.900	.0117	.0091	1	N.B. 1	60	10 B.	Coli absent	in 10cc
5-9-17	Clear	321	92	229	47	Trace	8.400	.0052	.0142	1	N.B. 1	384	32 B.	Coli present	in 10cc
6-13-17	Clear	272	74	198	39	Trace	Trace	.0078	.0572	1	N.B. 1	420	16 B.	Coli present	in 1cc

PARK LODGE—FISCAL YEAR 1916-1917.

7-17-16	Turbid	432	102	330	47	.0005	10.00	.0182	.1625	1	N.B. 1	8000	300 B.	Coli present	in 5cc
9-5-16	Turbid	432	160	272	47	Trace	1.05	.0182	.0533	1	Bl. 1	800	1000 B.	Coli present	in 5cc
10-3-16	Clear	391	95	296	41	None	12.70	.0286	.0572	1	N.B. 1	140	100 B.	Coli present	in 10cc
11-8-16	Clear	380	110	240	46	.0005	10.30	.0156	.0845	1	N.B. 1	22	28 B.	Coli absent	in 10cc
12-26-16	Clear	415	101	314	46	Trace	16.20	.0455	.0533	1	N.B. 1	40	34 B.	Coli absent	in 10cc
1-17-17	Clear	425	137	288	47	Trace	14.70	.0286	.0585	1	N.B. 1	70	18 B.	Coli absent	in 10cc
2-13-17	Clear	383	110	273	45	None	13.20	.0247	.048	1	N.B. 1	4800	8 B.	Coli absent	in 10cc
3-19-17	Clear	478	209	269	47	Trace	13.20	.0299	.0559	1	N.B. 1	1000	10 B.	Coli absent	in 10cc
4-10-17	Clear, fair	420	130	290	45	None	10.90	.0416	.0637	1	N.B. 1	1500	50 B.	Coli present	in 10cc
5-9-17	Clear, fair	412	174	238	45	None	18.10	.0169	.0572	1	Bl. 2	600	* 12 B.	Coli present	in 5cc
6-12-17	Clear	393	140	253	38	.0005	11.60	.0039	.0416	1	B.	110		Coli absent	in 10cc

* Spreader.

TABLE 19—Continued.
CHILDREN'S PLAYGROUND—FISCAL YEAR 1916-1917.

Date Received.....	Color.....	Total Solids.....	Loss Ignition.....	Fixed Residue.....	Chlorine.....	Nitrogen as				Oxygen Con- sumed.....	On Ignition.....	Bacteria Per CC Agar Room Temp.....	Bacteria Per CC Agar 37o.....	PRESUMPTIVE COLON TEST
						Nitrites.....	Nitrates.....	Free Am- monia.....	Albuminoid Ammonia.....					
7-17-16 Turbid	168	23	145	27	None	Trace	.0234	.1105	3	Bl. 3	4500	1200 B.	Coli absent in 10cc
9-5-16 Turbid, yellowish	162	25	137	30	None	None	.0234	.1144	2.5	Bl. 2	350	500 B.	Coli present in 10cc
10-3-16 Turbid, good	167	29	138	35	None	None	.0416	.1131	2	B. 3	1100	1000 B.	Coli absent in 10cc
11-8-16 Clear	165	43	122	31	.0005	None	.0143	.0871	4	B. 3	16	22 B.	Coli absent in 10cc
12-28-16 Clear	170	46	124	29	Trace	Trace	.0104	.0559	3	B. 3	54	380 B.	Coli present in 1cc
1-17-17 Clear	167	34	133	34	None	Trace	.0208	.1261	3	B. 3	375	16 B.	Coli present in 10cc
2-23-17 Clear	400	66	334	222	Trace	Trace	.0324	.1365	3	B. 3	3000	110 B.	Coli present in 10cc
3-19-17 Clear	171	44	127	33	None	None	.0780	.2405	2	B.S. 2	46	10 B.	Coli present in 10cc
4-10-17 Clear, yellowish	257	35	216	35	None	None	.0520	.1261	3	B. 3	86	30 B.	Coli absent in 10cc
5-9-17 Clear	277	56	221	37	None	None	.0117	.1040	2	N.B.	1792	50 B.	Coli present in 1cc
6-12-17 Clear	225	40	185	29	Trace	Trace	.0639	.1339	1	B.	*	10 B.	Coli present in 10cc

* Spreader.

STADIUM—FISCAL YEAR 1916-1917.

7-17-16 Turbid	.....	405	71	434	72	Trace	Trace	.0234	.1755	3	Bl. 3	600	60 B.	Coli present in 5cc
9-5-16 Turbid, yellowish	.....	353	80	273	92	Trace	.410	.0156	.1482	5.0	Bl. 3	130	12 B.	Coli absent in 10cc
10-3-16 Clear, yellowish	.....	318	83	235	60	None	None	.0234	.0845	3	B. 2	600	280 B.	Coli absent in 10cc
11-8-16 Turbid	.....	391	123	268	56	.0005	Trace	.1430	.3770	2	B. 3	12	10 B.	Coli absent in 10cc
12-26-16 Clear	.....	402	119	283	56	Trace	None	.1839	.0232	4	B. 3	440	550 B.	Coli absent in 10cc
1-17-17 Clear	.....	405	135	271	59	None	Trace	.3640	.1870	4	B. 3	60	14 B.	Coli present in 5cc
2-13-17 Clear	.....	365	90	275	58	None	None	.4335	.2470	3	B. 3	500	2 B.	Coli absent in 10cc
3-19-17 Clear	.....	388	123	265	46	None	Trace	.1820	.0585	4	B. 3	250	6 B.	Coli absent in 10cc
4-10-17 Clear	.....	421	147	274	46	.0005	Trace	.0234	.2280	3	Bl. 3	500	300 B.	Coli absent in 10cc
5-9-17 Turbid, yellowish	.....	460	128	332	87	Trace	Trace	.0234	.2280	3	Bl. 3	190	24 B.	Coli present in 5cc
6-12-17 Clear, fair	.....	369	88	281	76	Trace	Trace	.0260	.1430	2	B.	640	14 B.	Coli absent in 10cc

PUMP STATION—FISCAL YEAR 1916-1917.

7-18-16 Clear	432	101	331	51	None	17,800	.0195	.0611	1	N.B. 1	3000	4000 B.	Coli absent	in 10cc
9-5-16 Clear	393	90	303	49	.0001	1,050	.0468	.0572	1	BL. 1	120	80 B.	Coli present	in 10cc
10-3-16 Clear	452	120	332	52	.010	13,860	.0299	.0611	1	N.B. 1	600	280 B.	Coli present	in 5cc
11-8-16 Clear	429	76	353	50	.0005	12,900	.1235	.0975	1	N.B. 1	130	140 B.	Coli absent	in 10cc
12-26-16 Clear	449	105	344	50	.0005	18,400	.0117	.0611	1	N.B. 1	100	70 B.	Coli present	in 10cc
1-17-17 Clear	454	165	289	49	None	13,00	.0065	.0715	1	N.B. 1	100	80 B.	Coli present	in 5cc
2-23-17 Clear	368	100	268	47	Trace		.0095	.0663	1	N.B. 1	140	66 B.	Coli absent	in 10cc
3-19-17 Clear	478	195	283	47	.003	14,800	.0351	.0793	1	N.B. 1	380	40 B.	Coli present	in 10cc
4-10-17 Clear	424	139	285	46	Trace	9,200	.0052	.0442	1	B.S. 2	3400	600 B.	Coli absent	in 10cc
5-9-17 Clear, fair	381	102	279	44	None	12,600	.0130	.1326	1	BL. 3	90	36 B.	Coli present	in 10cc
6-12-17 Clear	439	149	290	49	Trace	.280	.0130	.0715	1	N.B.	2304	3000 B.	Coli present	in 10cc

DUTCH WINDMILL—FISCAL YEAR 1916-1917.

7-17-16 Clear	386	64	332	61	Trace	2,100	.0481	.1586	2	N.B. 1	5000	1000 B.	Coli absent	in 10cc	
9-5-16 Clear	372	67	305	62	.0003	.410	.0676	.0884	3, 3	Bl. 3	400	90 B.	Coli absent	in 10cc	
10-3-16 Turbid, good	378	76	302	61	None	Trace	.0455	.1066	2	B. 2	1500	1200 B.	Coli absent	in 10cc	
11-8-16 Clear	367	71	296	61	None	None	.1170	.1105	2	B. 3	24	30 B.	Coli absent	in 10cc	
2-26-16 Clear	360	82	278	60	Trace	Trace		.1664	2	B. 3	6	28 B.	Coli absent	in 10cc	
1-17-17 Clear	353	80	273				.0399		2	B. 3	10	6 B.	Coli present	in 10cc	
2-23-17 Clear	331	58	273		None		.0364	.0819		B. 3	8	2 B.	Coli absent	in 10cc	
3-19-17 Clear	344	75	269	58	None	None	.0664	.0975	1	B. 3	250	4 B.	Coli absent	in 10cc	
4-10-17 Turbid, good	347	83	264	58	Trace	Trace	.0195	.1196	1	B.S. 2	250	*	B.	Coli absent	in 10cc
5-9-17 Clear, fair	391	85	306	63	None	Trace	.0169	.0715	2	Bl. 2	*	4 B.	Coli absent	in 10cc	
6-12-17 Clear	357	80	277	69	Trace	Trace	.0039	.1001	1	N.B.		6 B.	Coli absent	in 10cc	

* Spreader.

TABLE 19—Continued.
MURPHY'S WINDMILL.

PRESUMPTIVE COLON TEST													
Bacteria Per CC Agar 37o.....													
Bacteria Per CC Agar Room Temp.....													
On Ignition.....													
Oxygen Con- sumed.....													
Nitrogen as		Albuminoid Ammonia.....	.0845	2	Bl. 3	1300	28 B.	Coli absent in 10cc					
		Free Am- monia.....	.0299	2	Bl. 2	1500	1200 B.	Coli absent in 10cc					
		Nitrates.....	None	2	B. 5	240	300 B.	Coli absent in 10cc					
		Nitrites.....	Trace	4	B. 3	100	320 B.	Coli absent in 10cc					
Chlorine		Trace	.1495	6	B. 3	28	60 B.	Coli absent in 10cc					
		Trace	.0481	4	B. 3	26	10 B.	Coli absent in 10cc					
		.0005	.676	5	B. 3	12	4 B.	Coli absent in 10cc					
		Trace	.5980	3	B. 3	90	4 B.	Coli absent in 10cc					
Fixed Residue		Trace	.5330	5	B. 3	2000	6 B.	Coli absent in 10cc					
		None	.2171	3	Bl. 2	250	16 B.	Coli absent in 10cc					
		Trace	.0260	2	B.	34							
		Trace	.0936	1									
Loss Ignition		Trace	.0130										
		Trace	.760										
		Trace											
		Trace											
Total Solids		Trace											
		Trace											
		Trace											
		Trace											
Color		Trace											
		Trace											
		Trace											
		Trace											
Date Received		Trace											
		Trace											
		Trace											
		Trace											

* Spreader.

TABLE 20

ANNUAL REPORT—DIVISION MARKET INSPECTION
INSPECTIONS

	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Abattoirs	4429	320	365	350	370	400	351	367	302	447	394	397	366
Markets	11894	726	190	1281	1200	1316	1282	1312	1007	1177	1142	886	375
Wharves	4955	472	463	426	444	425	403	414	375	377	380	370	406
Railroad Depots	725	66	57	51	53	54	51	55	52	58	53	130	42
Commission Houses	2567	181	154	199	151	268	338	253	219	181	172	231	220
Chinatown	3378	173	95	195	141	165	165	180	112	1657	120	180	193
Total	7948	1940	1324	2502	2359	2628	2593	2581	2067	3897	2261	2194	1602
Fish (lbs.)	8656018	1042500	660000	1040000	565000	593000	560000	810000	771000	710000	631500	690000	553000
Beeves	77300	5519	7367	6906	7461	6712	5811	6084	5761	6852	6805	7277	4742
Calves	77471	4687	4378	4339	6201	5815	5739	7267	7635	9454	9209	7573	4974
Hogs	146172	11554	14332	13130	14786	16042	16677	15111	10725	10263	9975	9602	4135
Sheep	119582	10975	15994	9330	12217	14753	12146	12040	7927	3584	9286	8528	2802
Lambs	310586	29652	35213	34379	33951	23305	24324	24068	23073	30863	29106	27554	25108
Poultry	3327349	331050	294500	299550	261451	408700	401700	230525	262975	147050	181311	211725	263812
Goats	627	5	10	10	16			42	65	21	374	46	48

TABLE 20—Continued.

ANNUAL REPORT DIVISION OF MARKET INSPECTION.

FISCAL YEAR 1916-1917.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs	Goats
1916								
July.....	{ Butchertown...	56555	5450	1072	10969	27614	11450	
	{ Outside.....	14397	1727	3566	2530	5128	1411	5
	{ Total.....	70952	7177	4638	13499	32742	12891	5
August.....	{ Butchertown...	75562	7367	702	15994	37210	14289	
	{ Outside.....	15152	1936	4134	1940	5433	1709	
	{ Total.....	90714	9303	4836	17934	42643	15998	
September..	{ Butchertown..	59743	6900	590	8747	30392	13114	
	{ Outside.....	14227	1822	4180	1625	4983	1617	
	{ Total.....	73970	8722	4770	10372	35375	14731	
October.....	{ Butchertown..	68956	7461	617	12217	33951	14710	
	{ Outside.....	17673	1923	5872	2974	5092	1796	16
	{ Total.....	86629	9384	6489	15191	39043	16506	16
November..	{ Butchertown..	65935	6712	2951	13773	26556	15943	
	{ Outside.....	16815	2088	3411	4161	4915	2202	38
	{ Total.....	82750	8800	6362	17934	31471	18145	38
December..	{ Butchertown..	54452	5811	455	12144	20933	15109	
	{ Outside.....	17488	1778	5438	2790	3915	3567	
	{ Total.....	71940	7589	5893	14934	24848	18676	
1917								
January.....	{ Butchertown..	57313	6084	280	14841	12040	24068	
	{ Outside.....	21454	2053	7219	3928	4784	3428	42
	{ Total.....	78767	8137	7499	18769	16824	27496	42
February....	{ Butchertown..	47464	5764	420	7927	22665	10688	
	{ Outside.....	15869	1583	7526	1306	4600	789	65
	{ Total.....	63333	7347	7946	9233	27265	11477	65
March.....	{ Butchertown..	51438	6782	799	3585	30385	9887	
	{ Outside.....	18656	1628	9118	1215	4831	1843	21
	{ Total.....	70094	8410	9917	4800	35216	11730	21
April.....	{ Butchertown..	55413	6705	1359	9085	28497	9767	
	{ Outside.....	44305	1025	9018	3177	19137	11948	
	{ Total.....	99718	7730	10377	12262	47634	21715	
May.....	{ Butchertown..	54694	7277	1606	8528	27549	9734	
	{ Outside.....	13738	1435	6522	827	3735	1173	46
	{ Total.....	68432	8712	8128	9355	31284	10907	46
June.....	{ Butchertown..	39882	4742	1005	4802	25258	4075	
	{ Outside.....	11788	1317	5143	933	3892	455	48
	{ Total.....	51670	6059	6148	5735	29150	4530	48
Totals:	{ Butchertown..	687407	77055	11856	122612	323050	152834	
	{ Outside.....	221562	20315	71147	27406	10445	31968	281
	{ Total.....	908969	97370	83003	150018	393495	184802	281

TABLE 22.
DIVISION OF INDUSTRIAL INSPECTION FISCAL YEAR 1916-1917.

Class of Industry	Total Inspections	Premises found sanitary	Found Insanitary	Complaints re- ferred to Other Departments	First Notice to Abate	Last Notice to Abate	Premises reinspected	Work progressing and partially abated	Nuisances abated
Bakeries	1833	1100	733	744	5	1	83	4	89
Barber Shops	461	280	181				178	179	2
Bath Houses	4	4							
Candy Factories	913	358	555	501	52	5	125	20	101
Cigar Factories	170	118	52	13	30		39	11	27
Dry Goods, Clothing, etc.	557	390	167	37	120		130	35	85
Food Factories and Stores	418	268	152	89	58	1	76	10	66
Garment Factories	1296	892	404	118	504	11	312	44	279
Junk Stores and Yards	367	45	322	204	1				
Homes	312	83	229	69	156	6	174	113	88
Hospitals	78	37	41	34	7		7	5	2
Laundries	507	283	224	84	29	4	73	23	48
Motion Picture Theatres	538	485	53		39	5	49	7	37
Printers and Book Binders	333	192	141	45	71		73	11	70
Restaurants	56	26	30	22	3		10	4	5
Office Buildings	538	435	103	17	107	1	108	30	87
Bag Factories	7	5	2	1	1		1		1
Scavenger Wagons	407								
Miscellaneous Factories and Stores	1226	786	440	158	189	5	279	79	213
Total	10041	5795	3839	2126	1372	39	1717	575	1200

Visits to Courts—Juvenile, 24; Police, 78; Detention Home, 19.

TABLE 22—Continued.

ANNUAL REPORT DIVISION OF RESTAURANT INSPECTION
FISCAL YEAR 1916-1917.

(Exclusive of general inspection by industrial Inspectors.)

First Inspections—	
Restaurants	76
Miscellaneous Food Stores.....	11
Complaints	56
Total	143
Reinspections	227
Nuisances Abated	32
Restaurants Scored	76

TABLE 23.

ANNUAL REPORT, DIVISION OF HOUSING INSPECTION.
FISCAL YEAR 1916-1917.

INSPECTIONS.

	Tenement Houses	Hotels and Lodging Houses
New Buildings—		
First Inspections	238	17
Reinspections	453	16
Old Buildings—		
First Inspections	1418	478
Reinspections	1309	493
Total	3418	1004
Flats, etc.		363
Business visits		555

COMPLAINTS.

Unabated at Last Report.....	0
Received during Year.....	93
Total	93
Abated	53
Referred to other Departments.....	37
No cause	2
Remaining Unabated	1

ARRESTS.

Pending at Last Report	0
Arrested during Year	16
Total	16
Favorable Court Action	7
Dismissed	6
Still Pending	3

TABLE 23—Continued.

VIOLATIONS.								
Classifications	Unabated at Last Report		Discovered		Abated		Remaining Unabated	
	New	Old	New	Old	New	Old	New	Old
Basements		1	14	115	14	112		4
Baths				162		155		7
Cellars		3	4	127	4	90		40
Courts		5	18	68	18	73		
Fire Escapes			4	10	4	9		1
Garbage Disposal.....			9	263	9	263		
Passages			7	47	7	47		
Public Halls				2		2		
Roofs			10	26	10	18		8
Rooms		212	10	435	10	633		14
Sinks		74	30	1099	30	784		389
Stairs			2	10	2	10		
Sanitation		2		245		209		38
Skylights				18		18		
Toilets			14	321	14	247		74
Vent Shafts	2	2	10	51	12	49		4
Windows				6		6		
Yards		3		99		84		18
Occupied without permit			16	2	13	2	3	
Walls				11		11		
Closets				14		14		
Mixed Occupancy.....				20		2		18
Shacks				4		4		
Gas Heaters				1		1		
Total	2	302	148	3156	147	2843	3	615
Grand Total	304		3304		2990		618	
Recommended for condemnation								9
Buildings Demolished								20
Plans Approved (New).....								122
Plans Approved (Old).....								4
Permits of occupancy issued (New).....								203
Permits of occupancy issued (Old).....								393
Permits of occupancy renewed.....								390

DIVISION OF PLUMBING INSPECTION.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection													
Construction.													
In Construction	2984	182	315	285	327	251	211	141	139	143	165	149	76
On Completion	1620	132	195	179	160	149	126	112	90	125	128	123	101
On Work Granted by Permit.....	4007	289	337	327	362	297	335	371	324	374	380	353	238
Reinspections.....	5803	356	474	390	464	521	486	607	492	549	573	465	426
Total	13814	959	1321	1181	1313	1218	1178	1231	1045	1191	1246	1090	841
Sewers.													
Inspected	2410	218	281	307	300	180	224	148	154	169	187	149	93
Cast Iron (feet).....	276545	23792	30881	29911	35120	29531	26079	1782	15680	21869	25340	20140	16420
Iron Stone (feet).....	96373	6161	12019	8589	9431	10222	7221	6279	5570	7331	9410	6960	6880
Curb Traps	2269	189	322	235	189	200	174	138	139	189	185	174	135
Nuisances.													
First Inspection	1624	139	139	185	199	109	125	108	115	134	145	131	95
Reinspection	4692	246	264	359	483	377	446	469	399	519	425	412	333
Total	6216	345	403	444	682	486	571	577	514	653	570	543	428
Unabated at Last Report.....													
Received During Month.....	164	164	151	295	200	115	145	125	127	141	151	130	95
Total	1982												
Abated													
Referred to other Departments.....	1682	157	124	188	173	129	184	120	109	142	133	119	104
No Cause	113	1	2	92	2	7	4	8	1	5	3	5	5
Remaining Unabated	75	4	10	13	7				9	2		4	4
Total	112												112
Notices.													
First Notices	1568	139	154	185	183	117	117	107	113	119	146	111	77
Last Notices	624	53	64	55	54	45	62	59	41	58	55	41	37
Total	2192	192	218	240	237	162	179	166	154	177	201	152	114

TABLE 24—Continued.

NEW FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	1593	66	155	88	126	68	289	168	103	161	129	137	103
Basins	1254	58	96	121	121	93	59	182	86	175	123	107	83
Bath Tubs.....	725	28	119	67	81	47	43	55	46	78	48	68	45
Sinks	894	57	103	61	64	57	63	93	63	86	87	108	52
Wash Trays	399	21	56	47	35	25	27	33	37	40	38	20	20
Urinals	111	8	10	6	3	5	6	13	10	11	25	1	13
Slop Hoppers	103	1	15	9	12	11	6	6	10	9	8	4	12
Grease Traps	23	6	2	3	2	5	19	16	7	28	30	33	1
Cesspools	185	6	12	3	13	11	14	24	24	23	41	31	7
Sewers	353	14	36	52	42	18	14	24	24	23	41	31	34
Total.....	5640	259	604	454	499	340	526	548	389	611	531	509	370

Number of plans submitted, 1185.

Number of buildings represented, 1464.
permits granted for repair work, 1137.

FIXTURES INSTALLED IN NEW BUILDINGS.

Baths (tub)	3047	Showers	88
Baths (seat)	4	Sinks (bar)	10
Baths (foot)	6	Sinks (slop)	134
Dental bowls	53	Sinks (pantry)	22
Floor Drains	988	Sinks (kitchen)	3184
Fountains	65	Urinals	425
Grease traps	2	Wash trays	2212
Hoppers	355	Wash basins	4466
Hospital fixtures	164	Water closets	4893

TABLE 24—Continued.
FISCAL YEAR 1916 1917.
ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN.			Date of Examination.	QUESTION		
	Applications Filed.....	Number Examined...	Results		Number Examined...	Results	
			Passed.....			Failed.....	Passed.....	Failed.....
1916—July 7.....	6	6	3	1916—July 21.....	3	0	3
August 4.....	1	1	1	August 18.....	1	1	0
September 1.....	1	1	1	September 15.....	1	1	0
October 6.....	0	0	0	October 20.....	0	0	0
November 3.....	4	4	2	November 17.....	2	2	0
December 1.....	0	0	0	December 15.....	0	0	0
1917—January 5.....	1	1	1	1917—January 19.....	1	0	1
February 2.....	1	1	1	February 16.....	1	1	0
March 2.....	3	3	1	March 16.....	1	1	0
April 6.....	1	1	0	April 20.....	0	0	0
May 4.....	2	2	1	May 18.....	1	1	0
June 1.....	1	1	0	June 15.....	0	0	0
Total.....	21	21	11	Total.....	11	7	4

TABLE 26

ANNUAL REPORT, DIVISION OF PERMITS ISSUED, FISCAL YEAR 1916-1917.

	July			August			September			October			November			December		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth.....	0	41	\$30.75	0	40	\$30.00	0	54	\$40.50	0	59	\$44.25	0	45	\$33.75	0	49	\$36.75
Certified Certificates of Death.....	6	72	54.00	9	82	16.50	8	78	58.50	3	76	57.00	7	55	41.25	9	60	45.00
Removal Permits after Disinterment.....	39	1	10.00	25	0		28	1	10.00	36	0	0	47	1	10.00	17	0	
Miscellaneous.....	0	0		0	0		0	0		0	0	0.45	0			0	0	
Totals.....	45	114	\$94.75	34	122	\$91.50	36	133	\$109.00	39	135	\$101.70	54	101	\$85.00	26	109	\$91.75

	January			February			March			April			May			June			Totals		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth.....	0	41	\$30.75	0	30	\$22.50	0	58	\$43.50	0	61	\$45.75	0	50	\$37.50	0	40	\$30.00	0	568	\$426.00
Certified Certificates of Death.....	12	95	71.25	9	82	61.50	7	105	78.75	8	79	59.25	9	87	65.25	5	77	57.75	92	948	711.00
Removal Permits after Disinterment.....	27	0		28	1	10.00	36	0		22	0		14	0		31	0		350	4	40.00
Miscellaneous.....	0	0		0	0		0	0	90.00	0	0	42.00	0	0	96.50	0	0	63.00	0	0	201.95
Totals.....	39	136	\$102.00	37	113	\$94.00	43	163	\$212.25	30	140	\$147.00	23	137	\$199.25	36	117	\$150.75	442	1520	\$1468.95

TABLE 26A

PERMITS AND CERTIFICATES ISSUED.

	Totals	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bath Houses	0	0	0	0	0	0	0	0	0	0	0	0	0
Homes for Children	239	17	36	13	20	14	16	21	22	28	14	12	26
Hotels and Lodging Houses	224	11	14	21	33	13	12	21	14	25	23	27	10
Laundries	22	3	3	0	0	3	3	1	1	0	2	1	5
Food Stuffs	1011	85	86	86	86	86	86	82	83	82	83	83	83
Maternity Hospitals	7	0	0	1	0	0	1	0	0	1	2	1	1
Master Plumbers	294	173	33	37	12	13	8	3	3	6	3	2	1
Milk	287	10	5	7	25	25	32	6	12	15	47	65	38
School Attendance	2081	273	116	90	119	148	192	252	215	247	235	140	54
Tenement Houses	687	21	33	36	61	65	50	56	59	89	71	76	70
Vegetable, Manure, Scavenger and Swill Wagons	407	0	3	0	0	3	0	379	17	3	2	0	0
Mattress Factory	20	0	0	0	1	1	1	2	2	3	3	3	4
Cigar Factories	4	0	0	0	0	0	0	2	1	0	0	1	0
Totals	5283	593	329	291	357	371	401	825	429	499	485	411	292

TABLE 27A.

CHILD HYGIENE DIVISION

REPORT FOR YEAR ENDING JUNE 30, 1917.

Total number of New Inspections	476
Total number of Reinspections	636
Total number of Business Calls	641
Total number of calls made	1753
Total number of Office Interviews (including telephone).....	1046
Total number of Children's Boaring Home Permits Issued.....	101
Total number of Children's Boarding Home Permits Denied.....	66
Total number of Children's Boarding Home Permits Renewed.....	141
Total number of Children's Boarding Home Permits Inactive.....	160
Total number of Homes holding Permits June 30, 1917.....	137
Total number of New Maternity Home Permits Issued.....	1
Total number of Maternity Home Permits Renewed.....	8
Infants placed in boarding homes.....	66
Older children placed in boarding homes.....	72
Total number of Children placed in Homes.....	138
Total number of Children removed from inferior Homes.....	41
Total number of Children in Boarding Homes During Year—	
Infants (under one year).....	152
Older	520
Total	670
June 30, 1917—	
Number of Infants in Homes.....	61
Number of Older Children	173
Total number of Children.....	234
Number of Infants on Certified Mild (70%).....	42
Number of cases referred to Society for the Prevention of Cruelty to Children	54
Number of Children placed in Hospitals.....	21
Number of Children sent to Clinics.....	78

ELEANOR STOCKTON, R. N.

Inspector.

TABLE 28—Continued.

FINANCIAL STATEMENT OF THE EMERGENCY HOSPITALS
FISCAL YEAR 1916-1917.

Salaries—

Central Emergency Hospital.....	\$27,119.60	
Harbor Emergency Hospital.....	16,045.15	
Potrero Emergency Hospital.....	12,043.95	
Mission Emergency Hospital.....	7,931.70	
Park Emergency Hospital.....	12,043.95	
Detention Hospital	7,394.20	
		<u>\$ 82,578.55</u>

Maintenance—

Administration:

General Supplies and Services.....	978.61
Stationery and Printing.....	24.65

Professional Care of Patients:

Medical and Surgical Supplies.....	2,071.52
Drug Store	682.13
Wines and Liquors.....	112.53
Repairs to Instruments and Apparatus.....	205.50

Department Expenses:

Housekeeping	1,741.73
Kitchen	24.95
Laundry	1,235.60

Provisions:

Meat	646.00
Milk	374.39
Butter and Eggs.....	525.05
Groceries	900.59
Vegetables	160.80

General Expense:

Fuel	785.04
Miscellaneous	164.39

Transportation:

Ambulance No. 1.....	722.56
Ambulance No. 2.....	1,230.40
Ambulance No. 3.....	426.06
Ambulance No. 4.....	832.05
Ambulance No. 5.....	575.91
Ambulance No. 6.....	320.26

Outlay:

New Equipment	401.45	
		<u>15,142.17</u>

Additional Equipment from other than regular maintenance fund	1,485.02
Other costs payable out of funds not controlled by Board of Health	13,137.38
Total	<u>\$112,343.12</u>

ANNUAL REPORT SAN FRANCISCO HOSPITAL FISCAL YEAR 1916-17.

To the Health Officer:

I submit herewith annual report of the various departments of San Francisco Hospital for the year 1916-1917, with general information concerning the hospital organization and activity.

Budget: By reason of unforeseen commercial conditions, we have experienced much difficulty in keeping within the annual budget allowance authorized July 1st, 1916. Although the price of the majority of our supplies is protected by annual contract, the purchase of non-contract articles at advancing market prices (amounting to tens of thousands of dollars yearly) cut heavily into our allowance. We were therefore compelled to apply to the Board of Supervisors for a special appropriation to cover the increasing cost of supplies. Where contracts existed, it was at times hard to obtain the standardized articles, as the contractor was financially losing on the delivery.

State Subsidy, Tuberculosis Department: Commencing July 1st, 1916, the State subsidized 85 beds in the Tuberculosis Department at the rate of \$3 per week per patient, in consideration of the Hospital's complying with certain housing and food regulations. By reason of the improvements made, the number of subsidized beds was increased from 85 to 100, effective March 1st, 1917. The total subsidy for the year amounted to \$13,368.09, as follows:

For the six months ending Dec. 31st, 1916.....	\$ 5,661.54
For the six months ending June 30, 1917.....	7,706.55
	<hr/>
	\$13,368.09

In accordance with the Charter regulations this money is deposited in the City Treasury, to be re-appropriated from time to time for the use of the Tuberculosis Department of the hospital, particularly for the improvement of the diet of the tuberculous patients.

Collections from various outside sources: Exclusive of the State subsidy, money received during the year for treatment of patients able to pay, sale of swill, etc., amounted to \$930.83.

Patients' Library: The Patients' Library now contains several hundred volumes, which have been donated by various clubs and individuals interested in the work of the hospital. The library is in charge of a paid librarian, who visits the wards to ascertain the desires of the patients, distributes the books, and keeps check on their return within a certain period. The library is very much appreciated by the patients.

Kindergarten: The work in the kindergarten of the Children's Ward is deserving of special mention. Here the children who are convalescing are taught kindergarten work, reading, etc., under direction of a governess.

Pathological Building: This building has been completed and is now occupied by the Morgue (1st floor) and the Laboratories of the Department of Public Health (2nd floor).

New Tuberculosis and Isolation Departments: The construction of these buildings is well under way and no doubt will be completed during the year. Meantime we are proceeding with plans for the equipment of same.

R. G. BRODRICK, Superintendent.

ANNUAL REPORT 1916-1917 SAN FRANCISCO HOSPITAL.

BED CAPACITY.

Main Group (18 wards)—beds.....	480	
Tuberculosis Department (9 wards)—beds.....	275	
		<hr/> 755
Divided as follows—		
Male Beds, Medical	130	
Surgical	131	
Incurable Cancer	14	
		<hr/> 275
Female Beds, Medical and Surgical.....	84	
Gynecological	26	
Maternity	25	
		<hr/> 135
Children		26
Isolation (Typhoid, Pneumonia, etc.).....		15
Emergency Department, Male	4	
Female	2	
		<hr/> 6
Municipal Accident Ward.....		23
Tuberculosis Department, Male	225	
Female	50	
		<hr/> 275
Total		<hr/> 755

BOARD OF HEALTH

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SAN FRANCISCO HOSPITAL. MOVEMENT OF PATIENTS REPORT, 1916-1917.

	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Admitted	494	516	479	524	480	518	470	468	559	515	525	558	6106
Born	16	13	13	26	22	8	13	16	19	32	11	30	219
Discharged—													
Cured	64	84	152	181	151	133	129	142	126	142	148	175	1627
Improved	313	269	198	247	216	248	205	225	291	345	285	293	3135
Unimproved	21	49	51	45	55	51	22	40	63	30	22	37	486
Referred to Insanity Commission		2	2	—	—	—	—	—	2	1	1	5	13
Referred to Relief Home		8	3	—	—	—	—	—	—	10	19	20	66
To Isolation Hospital	9	2	—	—	—	—	—	—	—	1	6	8	26
Died	67	71	64	81	83	98	87	72	84	79	71	89	946

DAILY AVERAGE NUMBERS OF PATIENTS.

[illegible]

Number patients remaining in Hospital July 1st, 1916

Admitted during the year...

Born during the year.

Died and discharged during year..

Remaining June 30, 1917...

Daily average for the year, 681.97.

SAN FRANCISCO HOSPITAL, STATEMENT EXPENSES FISCAL
YEAR 1916-1917.

Administration—		
General Supplies	\$	575.10
Stationery and Printing.....		334.06
Professional Care of Patients—		
Medical and Surgical Supplies.....		4,307.21
Drug Store		22,372.52
Wines and Liquors.....		401.86
Repairs to Apparatus and Instruments.....		154.60
X-Ray Department		2,212.79
Department Expenses—		
Housekeeping		14,465.17
Kitchen		1,420.77
Laundry		2,408.05
Provisions—		
Meat, Fish and Poultry.....		30,276.32
Milk and Cream.....		15,605.85
Butter and Eggs.....		30,131.59
Groceries		28,787.41
Fruits and Vegetables.....		11,586.49
General Expense—		
Maintenance of Grounds.....		1,627.69
Maintenance of Buildings.....		4,095.37
Fuel		17,932.32
Miscellaneous		1,352.99
Power Plant		5,728.43
Transportation—		
Automobile 1 (Ambulance)		1,134.30
Automobile 2 (Superintendent's)		175.54
Automobile 3 (Truck)		105.68
Automobile 4 (Delivery)		213.10
Outlay—		
Equipment, New		3,218.60
Construction, New		422.36
Total		\$201,046.17
Salaries		164,067.10
		<hr/>
		\$365,113.27
Cost of subsistence per patient (Daily average 681.97).....		
		.467 per day
Cost of subsistence per employe (Daily average 415).....		
		.29 per day
Total cost of maintenance per patient.....		
		1.466 per day

•

SAN FRANCISCO HOSPITAL TRAINING SCHOOL FOR NURSES, YEAR
1916-1917—REPORT OF 27th YEAR.

Graduate Nurses	25	
Superintendent of Nurses.....	1	
Instructor General	1	
Instructor-Probationers	1	
Instructor-Operating Room	1	
Instructor Dietetics	1	
Night Supervisors	4	
Supervisors Building No. 1.....	2	
Supervisors Building No. 2.....	2	
Supervisor Building No. 3.....	1	
Supervisors Building No. 4: (Childrens, 1; Maternity, 1; Gynecological).....	2	
Supervisors Operating Room	2	
Supervisor Isolation	1	
Supervisor Receiving	1	
Supervisor Record Room	1	
Supervisors Tuberculosis Department	3	
Supervisor Nurses Home	1	
	25	
Student Nurses		133
Senior Nurses	30	
Intermediate	50	
Juniors	30	
Probationers	23	
	133	
Male Nurses		12
Practical Nurses		6
Post Graduate Nurses.....		2
		178
Students—		
Number graduated during year.....	30	
Number admitted during year.....	40	
Number disqualified during year.....	7	
Number resigned during year.....	16	

REPORT FROM JUNE 30, 1916, TO JULY 1, 1917.

SOCIAL SERVICE DEPT. SAN FRANCISCO HOSPITAL (MAIN GROUP).

Relief Home	192
Refused Relief Home.....	15
Infirmary	25
Refused Infirmary	1
335 Main St. (Accommodation Char. Industrial Home).....	71
Refused 335 Main St.....	2
Sent to Hill Farm.....	5
Sent to Relatives out of Town.....	6
Sent to other Hospitals.....	6
Sent Home in Ambulance.....	18
Layettes Received	11
Layettes Furnished	6
Adoption	5
Foster Mothers	2
Girls Welfare Home.....	6
Reported to Juvenile Court.....	6
Pay Patients	22
Dentistry	37
Arseno-Benzol	24
Salvarsan	98
Surgical Appliances	7
Donation to the Department.....	\$56.00
Wheel-chair donated	1
Man and wife re-united.....	1
Marriage	1
Sent to Soldiers' Home	4
Sent to State Asylum.....	3
Transportation Secured	15
Employment Secured	31
Money Secured from Relatives.....	1
Reported to Legal Aid.....	47
Reported to Associated Charities.....	92
Reported to Consuls	2
Reported to Immigration Commissions	3
Reported to Industrial Commissions	4
Reported to Accident Commissions	1
Reported to District Attorney	2
Reported to Travelers' Aid	2
Reported to Fruit and Flower Mission.....	2
Taken by Relatives.....	18
Letters sent	235
Visits Made	405
Glasses Given	25
Patients Interviewed	5649

TABLE 31.

REPORT OF RELIEF HOME FOR AGED AND INFIRM
FISCAL YEAR ENDED JUNE 30, 1917.

	Male	Female	Total
Total number of Inmates June 30, 1916.....	1059	333	1391
Admissions—			
Through Board of Health.....	342	87	429
From San Francisco Hospital.....	186	29	215
From Tuberculosis Hospital.....	1	1	2
By Superintendent (Re-admissions).....	18	1	19
Total	547	118	665
Discharges—			
At own request.....	208	38	246
Overstayed Pass	65	5	70
Left without permission.....	33		33
For cause	9		9
Died	205	61	266
Sent to New San Francisco Hospital.....	16	1	17
Sent to Emergency Hospital	1		1
Sent to Tubercular Hospital	8	1	9
Sent to Isolation Hospital	1		1
Sent to State Institutions	11	2	13
Total	557	108	665
Remaining June 30, 1917.....	1047	342	1391
Lowest number of inmates recorded at one time, June 19, 1917.....			1385
Highest number of inmates recorded at one time, December 8, 9 and 19, 1916; February 23, March 28 and 29, 1917.....			1401

SOCIAL CONDITION OF INMATES.

Single	682
Married	107
Widowed	546
Separated	28
Divorced	28
	1391

BY RACE.

Caucasian	1366
Mongolian	16
Ethiopian	9
	1391

BY NATIVITY.

Foreign Born	961
Native Born (United States).....	430
	1391

BOARD OF HEALTH

BY AGES.

	Males	Females	Total
10 to 20.....	1		1
20 to 30.....	4	1	5
30 to 40.....	10	9	19
40 to 50.....	52	31	83
50 to 60.....	171	61	232
60 to 70.....	377	99	476
70 to 80.....	355	108	463
80 to 90.....	74	29	103
90 to 100.....	5	2	7
100 and over.....	0	2	2
	<hr/> 1049	<hr/> 342	<hr/> 1391

Average age grand total, 66 years.

NUMBER OF TIMES ADMITTED.

1st time	1006
2nd time	211
3rd time	90
4th time	35
5th time	18
6th time	16
7th time	8
8th time	3
9th time	1
11th time	1
14th time	1
18th time	1
	<hr/> 1391

PHYSICAL CONDITION OF INMATES.

Blind—

Male	34
Female	7

Deaf—

Male	16
Female	11

Bedridden—

Male	68
Female	14

Crippled—

Male	363
Female	53

Able to work—

Male	320
Female	71

BOARD OF HEALTH

95

Convalescent—

Male	36
Female	11

Mentally incompetent —

Male	135
Female	50

Epileptic—

Male	6
Female	9

Old and Infirm—

Male	71
Female	116

1391

BOARD OF HEALTH

SUMMARY OF EXPENDITURES.

July 1st, 1916, TO DECEMBER 31st, 1916.

	July	August	September	October	November	December	Total
Subsistence	\$ 7,328.42	\$ 8,494.50	\$ 8,320.54	\$ 7,770.62	\$ 9,339.20	\$ 8,142.27	\$ 49,395.55
Wines and Liquors.....	528.89	425.19	500.08	232.75	480.69	466.39	2,623.99
Tobacco	187.50	150.00	187.50	282.00	282.00	421.26	1,510.26
Sundries	229.66	37.46	20.65	99.33	235.40	238.80	861.30
Clothing and Bedding.....	647.88	431.78	1,108.78	541.54	929.12	1,116.53	4,775.63
Power Plant	68.79	85.04	93.31	110.63	38.23	103.24	499.24
Hospital	129.33	345.21	31.47	254.44	218.66	208.01	1,187.12
Laundry	142.90	55.10	104.60	.....	76.00	4.00	382.60
Stable	177.72	200.04	869.25	310.92	795.71	205.46	2,559.10
Dairy	559.72	563.35	380.35	552.13	718.41	822.79	3,596.75
Farm	6.65	8.15	142.09	6.81	14.55	1.10	179.35
Fuel	1,035.44	1,008.49	1,179.05	963.95	1,046.38	1,112.85	6,346.16
Ordinary Repairs	194.95	559.80	950.37	820.18	611.30	408.92	3,545.52
Vehicles and Harness	13.94	15.69	9.19	34.60	14.63	.....	88.05
Machinery Repairs	11.65	133.01	98.17	12.50	48.85	10.75	314.93
Automobile Repairs	25.87	105.22	136.45	119.22	264.86	39.07	690.69
Garage	141.76	70.00	120.75	85.76	81.39	124.59	624.25
Equipment .....	.....	.....	.....	749.65	543.40	87.37	1,380.42
New Construction .....	.....	.....	.....	60.06	.....	107.66	167.72
Payroll	5,592.20	5,639.10	5,645.00	5,645.50	5,610.15	5,580.35	33,712.30
Total	\$17,023.27	\$18,327.13	\$19,897.60	\$18,642.59	\$21,348.93	\$19,201.41	\$114,440.93

SUMMARY OF EXPENDITURES—Continued.
JANUARY 1st, 1917, TO JUNE 30th, 1917.

	January	February	March	April	May	June	Total
General Supplies	\$ 148.75	\$ 16.31	.....	\$ 1.45	.....	.....	\$ 17.76
Medical and Surgical Supplies .....	.....	145.30	119.00	555.51	124.88	32.09	1,125.53
Drug Store	134.28	209.00	233.50	52.13	295.58	169.65	1,094.14
Wines and Liquors	494.15	414.50	481.13	370.47	758.56	455.98	2,947.79
Tobacco	282.00	282.00	316.02	282.00	372.72	710.70	2,245.44
Housekeeping	380.90	512.07	283.03	673.82	561.35	463.38	2,874.55
Clothing and Bedding	1,367.83	562.97	758.80	1,557.75	1,273.91	482.71	6,003.97
Kitchen	9.44	9.20	15.76	15.69	19.40	38.65	108.14
Laundry	93.92	397.37	56.20	86.63	67.50	237.63	939.25
Meat, Fish and Poultry	3,905.70	3,291.05	3,278.12	3,468.70	4,333.16	4,527.08	22,803.81
Milk and Cream	247.50	223.44	228.00	99.75	.....	.....	798.69
Butter and Eggs	790.31	852.55	928.69	780.29	828.69	833.16	5,113.69
Groceries	3,111.30	2,881.02	3,054.56	3,071.25	5,136.45	3,607.12	20,861.70
Fruits and Vegetables	555.55	597.09	647.03	574.34	644.43	594.40	3,812.84
Maintenance of Grounds	15.52	80.08	67.86	79.05	106.70	42.06	391.27
Maintenance of Buildings	26.77	51.79	306.72	177.01	138.59	171.95	872.83
Stable	237.35	238.23	112.82	128.56	275.47	421.94	1,414.37
Dairy	564.79	426.80	428.10	421.20	709.28	286.66	2,846.83
Farm .....	.....	17.40	449.95	33.24	12.00	54.80	567.39
Fuel	1,071.16	1,003.38	976.64	841.49	1,264.79	843.76	6,001.19
Miscellaneous	509.15	139.91	114.05	115.37	530.40	550.80	1,959.68
Power Plant	226.16	136.10	60.64	307.58	256.79	172.08	1,159.35
Auto Truck	220.56	.....	116.21	.....	.....	52.00	491.87
Vette Truck	263.20	.....	67.88	22.29	8.26	2.75	364.38
Oldsmobile	27	13.39	14.88	2.71	58.09	.....	89.34
Garage	114.64	134.87	116.39	147.29	136.51	140.70	790.40
Equipment .....	.....	.....	301.40	205.23	194.48	.....	701.11
New Construction	64.00	.....	293.89	75.83	.....	46.02	479.74
Payroll	5,579.85	5,605.50	5,622.50	5,549.90	5,594.80	5,581.45	33,534.00
Total	\$20,415.05	\$18,241.29	\$19,449.77	\$19,696.53	\$23,905.89	\$20,529.52	\$122,238.05

BOARD OF HEALTH

PER CAPITA OF MAINTENANCE, ETC.

	Cost Per Year 1916-1917	Cost Per Month	Cost Per Day	Yearly Cost Per Capita	Monthly Cost Per Capita	Daily Cost Per Capita	Daily Cost Per Capita Including Employees \$ 196
Subsistence	\$102,586.28	\$ 8,548.857	\$281.058	\$73.493	\$6.125	\$.201	
Tobacco	3,755.70	312.975	10.289	2.691	.224	.007	
Clothing and Bedding	10,779.60	898.30	29.534	7.723	.643	.021	
Fuel	12,347.33	1,028.946	33.828	8.845	.737	.024	
Drugs, Medical and Surgical Supplies..	9,005.57	750.464	24.673	6.452	.538	.018	
Miscellaneous items, Repairs, etc.....	30,958.18	2,579.848	84.817	22.179	1.848	.061	
Total	\$169,432.68	\$14,119.39	\$464.199	\$121.382	\$10.115	\$.332	
Payroll, Employees	49,169.60	4,097.467	134.711	35.225	2.935	.097	
Payroll, Inmates	18,076.70	1,506.391	49.525	12.95	1.08	.035	
Total	\$236,678.98	\$19,723.248	\$648.435	\$169.557	\$14.13	\$.464	
Daily Average Population for the Year.....					1,395.86		
Aggregate for the Year.....					509,489.00		
Daily Average Employees on Payroll for the Year.....					47.666		
Aggregate for the Year.....					14,919.00		

TABLE 32
REPORT OF INSPECTOR OF INDIGENTS, FISCAL YEAR 1916-1917.

	Total	1916						1917					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Number of applicants receiving care	7624	612	620	602	620	784	625	641	567	591	649	645	668
Number of investigations.....	8436	862	773	791	800	784	812	878		636	651	681	768
Number of calls.....	1662	140	108	126	147	154	141	214		131	177	156	173
Cash collected for care of patients....	\$75.00			\$15.00	\$15.00	\$15.00	\$15.00	\$15.00					

TABLE 33.

REPORT OF THE CITY PHYSICIAN FOR THE FISCAL YEAR 1916-1917.

Patients treated at City Prison.....	708
Patients treated at County Jail.....	792
Visits to residences	541
Visits at office from patients.....	355
Accidents to Municipal Employes.....	70
Accidents to Municipal Railroads passengers and employees.....	46
Visits to Hospitals.....	8
Operations at Isolation Hospital.....	6

DIVISION OF VITAL STATISTICS

FISCAL YEAR 1916-17

Estimated Population (1916).....	500,000
Estimated Population U. S. Census (1916).....	478,530
Deaths registered	7,294
Annual Death Rate per 1,000 of population.....	14.58

Total Deaths	7,294	
Less Children under 1 week.....	190	
Non-Residents	770	
Deaths, External Causes.....	780	1,740
Net Total		<u>5,554</u>
Net Annual Death Rate per 1000 Population, 11.10.		

Deaths by Sex.		By Color.	
Males	4,580	White	6,900
Females	2,714	Black	69
		Chinese	260
		Japanese	65

By Social Condition.		By Nativity.	
Single	2,664	San Francisco	1,169
Married	2,698	Other Parts of California.....	936
Widowed	1,569	Other States	1,635
Divorced	120	Foreign Countries	3,350
Unknown	243	Unknown	204

Births Registered	7,597
Annual Birth Rate per 1000 of Population, 15.19.	

Still Births Registered.....	309
(Not included in Birth or Mortality Tables.)	
Marriage Licenses Issued (by County Clerk).....	6,355

ED. M. COFFEY
STATISTICIAN

TABLE "A"
BIRTHS REGISTERED (STILL BIRTHS EXCLUDED).

MONTH	SEX		RACE				NATIVITY OF PARENTS										MIXED PARENTAGE		
	TOTALS.....																Anglo-Saxon	United States Foreign.....	Others (Mixed Foreign)...
1916	July.....	583	303	280	548	2	10	23	8	0	291	7	28	26	5	90	10	31	4
	August.....	688	350	338	647	1	19	21	2	0	336	13	45	23	5	105	13	44	4
	September.....	618	315	303	579	1	21	17	10	0	274	9	37	23	8	84	12	49	4
	October.....	638	329	309	585	4	19	30	7	0	284	7	37	16	10	95	17	42	8
	November.....	572	302	270	530	2	14	26	5	0	248	6	39	15	3	98	17	44	3
	December.....	642	326	316	596	1	18	27	3	0	286	16	38	16	10	95	14	50	6
1917	January.....	615	332	283	578	1	14	22	12	0	275	6	38	26	8	80	18	48	10
	February.....	588	289	299	555	1	11	21	5	0	266	8	33	35	4	72	9	41	5
	March.....	638	345	353	646	5	19	28	5	0	316	9	43	20	6	96	14	64	10
	April.....	682	352	330	635	2	17	28	5	0	325	7	39	21	6	82	13	27	8
	May.....	605	311	294	574	3	8	20	12	0	309	8	36	26	6	84	16	34	4
	June.....	663	343	325	640	3	14	11	8	0	332	8	31	19	4	92	10	54	6
Totals.....		7597	3897	3700	7113	26	184	274	82	0	3542	104	444	266	75	1073	163	556	72
																	267	452	249

* U. S.—Irish parentage, 155.

† U. S.—German parentage, 158.

‡ U. S.—Italian parentage, 196.

TABLE "B"

STILL BIRTHS.

	Male	Female	Total
1916—July	20	4	24
August	16	14	30
September	23	13	36
October	10	11	21
November	15	13	28
December	13	9	22
1917—January	18	14	32
February	5	14	19
March	16	12	28
April	15	14	29
May	11	11	22
June	12	6	18
	<hr/> 174	<hr/> 135	<hr/> 309

VITAL STATISTICS

TABLE NO. 1.
CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.
During the Fiscal Year Ending June 30, 1917.

[illegible]

[illegible]

64.	Cerebral hæmorrhage, apoplexy	374	188	187	9	15	10	17	7	12	13	13	19	15	26	20	18	15	19	14	27	14	9	11	17	16	12	22
65.	Softening of the brain	18	10	8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	3	2
66.	Paralysis without specified cause	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
67.	Hemiplegia	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
68.	General paralysis of the insane	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
69.	Other forms of mental alienation	15	10	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
70.	Epilepsy	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
71.	Convulsions (nonpuerperal)	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
72.	Convulsions of infants	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
73.	Chorea	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
74.	Neuralgia and neuritis (neuritis)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
75.	Other diseases of the nervous system	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
76.	Abscess of brain	23	12	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
77.	Tumor of brain	14	11	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
78.	Anæmia of brain	35	24	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
79.	Diseases of the eyes and their adnexa	481	279	202	14	19	12	5	17	9	23	15	32	10	35	30	22	23	19	20	26	19	20	26	19	22	16	27
80.	Diseases of the ears—	161	105	56	11	5	4	5	9	4	9	6	15	12	7	4	6	5	3	7	5	10	5	13	4	6	6	
81.	Otitis media	22	9	13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
82.	Angina pectoris	329	192	137	24	9	18	6	19	8	11	13	18	10	18	26	22	16	8	12	16	11	15	14	11	5	12	
83.	Diseases of arteries, atheroma, aneurysm, etc.—	4	29	18	3	1	2	1	1	1	1	1	3	5	1	5	3	2	2	1	2	3	1	2	1	1	3	
84.	(1) Aneurism of aorta	40	34	6	1	1	2	4	5	4	5	4	2	2	2	1	1	3	5	9	6	4	11	5	3	3	2	
85.	(2) Arterio-sclerosis	89	40	4	2	4	4	4	5	4	2	2	2	2	1	3	3	5	9	6	4	11	5	3	3	2	2	
86.	(3) Embolism and thrombosis	28	11	12	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	3	1	2	1	1	
87.	Diseases of veins—	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
88.	Hæmorrhoids	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
89.	Pleuritis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
90.	Pleuritis (septicæmia following)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
91.	Diseases of lymphatic system—	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
92.	Enlarged thymus (oper. shock)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
93.	Lymphangitis (septic from ulcerated tooth)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
94.	Status lymphaticus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
95.	Status thymicus (septic)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
96.	Hæmorrhage (other diseases of circulatory system)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	

TABLE NO. 1—Continued.
CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.
During the Fiscal Year Ending June 30, 1917.

CAUSES OF DEATH (International Classification)	1916												1917																		
	FEMALES		MALES		GRAND TOTALS...		July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
115. Other diseases of the liver.....	3	3																													
Abscess of.....																															
Inflammation of.....	2	1																													
Catarrhal jaundice.....	2	1																													
Cholecystitis.....	8	6																													
Empyema gall bladder.....	4	2																													
116. Diseases of the spleen.....																															
117. Simple peritonitis (nonperforated).....																															
118. Other diseases of digestive system (excepting cancer, tuberculosis).....																															
Hemorrhagic pancreatitis.....	6	3																													
VI. Diseases of the Genito-Urinary System.																															
119. Acute nephritis.....	61	41	20	5	1	4	1																								
120. Bright's disease.....																															
121. Chyluria.....	679	413	266	33	18	35	17	28	16	30	19	37	35	39	23	45	28	46	27	30	26	30	22	40	19	20	16				
122. Other diseases of the kidneys and adnexa—																															
Abscess of.....	1	1																													
Tumor of.....	1	1																													
(Operative shock).....																															
Pyelitis.....	7	5	2			1																									
Pyelonephritis.....	6	4	2																												
Pyonephrosis.....	13	10	3																												
Staphylococic infection of.....	1																														
123. Calculi of the urinary passages.....																															
124. Diseases of the bladder (cystitis, chronic).....	3	3																													
Cystitis, streptococic septicemia.....	3	2	1			1																									
	1		1																												

[illegible]

VII. The Peurperal State.

[illegible]

[illegible]

XI. Diseases of Early Infancy.

[illegible]

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1917.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	1916							1917				
				July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
				M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
153. Lack of care (exposure).....	2	2	1	1										2	
XII. Old Age.															
154. Senility	67	35	32	2	2	1	2	2	2	1	1	6	3	4	2
XIII. Affections Produced by External Causes.															4
155. Suicide by poison—															
Arsenic	1	1													
Bi-chloride mercury	7	4	3	1		1					1	1	1		1
Chloroform	3	2	1			1		1	1						
Cresol	1	1		1											
Cyanide of potassium	7	6	1	1		1		1		1	2	1			
Lysol	2	1	1			1									1
Morphine	1	1											1		
Phenol	1	1													
Strychnine	5	5	1	1	1	1						1			
156. Suicide by asphyxia (illuminating gas)	70	48	22	1	3	2	5	2	2	7	7	2	1	1	4
157. Suicide by hanging or strangulation..	11	11			1	3	1	1			1	4	3	1	5
158. Suicide by drowning	9	8	1			1	1	2			1	1			3
159. Suicide by firearms	86	77	9	8	1	3	1	6	5	12	7	1	6	4	7
160. Suicide by cutting or piercing instrument	11	11	1	1		1			1						3
161. Suicide by jumping from a high place	8	2	6			1		1	1		1		1		2
162. Suicide by jumping (under train)	1	1				1									1
163. Other suicides															
164. Poisoning by food—															
Ptomaines (eating peanuts).....	1	1					1								

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

CAUSES OF DEATH (International Classification)		GRAND TOTALS	MALES	FEMALES	By												
					Less than 1 Da.		1 Da.		2 Da.		3 to 6 Da.		Total less than 1 Wk.				
					M	F	M	F	M	F	M	F	M	F			
32.	Pott's disease— (Tuberculosis spine)	3	3														
	(Operative shock)	2		2													
	Septicæmia following	1		1													
33.	White swellings— Tuberculosis hip	1	1														
	Arthritis knee	1		1													
	(Operative shock)	1	1														
34.	Tuberculosis of other organs— Of Cervical lymph glands.....	1	1														
	Of kidney	7	6	1													
	(Operative shock)	1	1														
	Of sternum	1	1														
	Lupus	1		1													
35.	Disseminated tuberculosis	3	3														
36.	Rickets	1	1														
37.	Syphilis (congenital)	21	10	11					1	1	2	1	3				
	Syphilis (acquired)	72	55	17													
38.	Gonococcus infection	1		1													
39.	Cancer of the buccal cavity— Lip	7	6	1													
	Lip (operative shock)	1	1														
	Maxilla (jaw)	12	11	1													
	Tongue	4	14														
	Tonsil	2	1	1													
	Sarcoma of tonsil.....	1	1														
40 ¹	Cancer of the stomach.....	213	151	62													
	(Operative shock)	1	1														
	Sarcoma of stomach	2	1	1													
40 ²	Cancer of the liver	55	31	24													
	(Operative shock)	1	1														
41 ¹	Cancer of the peritoneum, intestines— Of Intestines	48	22	26													
	Of intestines (operative shock).....	3		3													
	Sarcoma of intestines	8	7	1													
41 ²	Cancer of rectum	37	24	13													
	(Operative shock)	2	1	1													
42.	Cancer of the female genital organs— Of uterus	84		84													
	Uterus (operative shock).....	3		3													
	Of ovary	7		7													
	Of vulva	2		2													
43.	Cancer of the breast.....	48		48													
	Sarcoma of breast.....	1		1													
44.	Cancer of the skin— Of ear	1	1														
	Of face	4	3	1													
	Of nose	3	1	2													
	Sarcoma of face.....	1		1													
45.	Cancer of other or unspecified organs Bladder (urinary)	15	12	3													
	Bladder (urinary) operative shock	2	1														
	Brain	2		2													
	Eye	2	1	1													
	Inguinal glands	2	1	1													
	Kidney	4	3	1													
	Larynx	11	11														
	Lung	5	5														
	Mediastinum	2	1	1													
	Neck	4	4														
	Penis	1	1														
	Pharynx	5	5														
	Pleura	2	2														
	Prostate	12	12														

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

CAUSES OF DEATH (International Classification)		GRAND TOTALS.	MALES	FEMALES	By									
					Less than 1 Da.		1 Da.		2 Da.		3 to 6 Da.		Total less than 1 Wk.	
71.	Convulsions of infants.....	2	2	1										1
72.	Chorea.....	1	1											
73.	Neuralgia and neuritis (neuritis).....	1		1										
74.	Other diseases of the nervous system													
	Abscess of brain.....	5	3	2										
	Tumor of brain.....	23	12	11										
	Anemia of brain.....	1		1										
75.	Diseases of the eyes and their adnexa.....													
76.	Diseases of the ears—													
	Otitis media.....	9	7	2										
III. Diseases of the Circulatory System.														
77.	Pericarditis.....	14	11	3										
78.	Acute endocarditis.....	35	24	11										
79.	Organic diseases of the heart—													
	(1) Valvular.....	481	279	202										
	(2) Endocarditis, chronic.....	161	105	56										
	(3) Fatty heart.....	22	9	13										
	(4) Myocarditis, chronic.....	329	192	137										
80.	Angina pectoris.....	47	29	18										
81.	Diseases of arteries, atheroma,													
	aneurysm, etc.—													
	(1) Aneurism of aorta.....	40	34	6										
	(2) Arterio-sclerosis.....	89	40	49										
82.	Embolism and thrombosis.....	23	11	12										
83.	Diseases of veins—													
	Hæmorrhoids.....	1	1											
	Phlebitis.....	3		3										
	Phlebitis (septicæmia following).....	1		1										
84.	Diseases of lymphatic system—													
	Enlarged thymus (oper. shock).....	1	1											
	Lymphangitis (septic from ulcer-													
	ated tooth).....	1	1											
	Status lymphaticus.....	1	1											
	Status thymicus (septic).....	1	1											
85.	Hæmorrhage (other diseases of cir-													
	culatory system).....													
IV. Diseases of the Respiratory System.														
86.	Diseases of the nasal fossæ.....													
87.	Diseases of the larynx—													
	Acute laryngitis.....	3	2	1										
	Tumor of larynx.....	1	1											
	Edema of glottis.....	3	1	2										
	Spasm of glottis.....	1	1											
88.	Diseases of the thyreoid body—													
	Thyreoidism.....	3	2	1										
	Myxedema.....	1		1										
89.	Acute bronchitis.....	50	28	22								1		1
90.	Chronic bronchitis.....	39	29	10										
91.	Bronchopneumonia.....	295	191	104				1			1	2	2	2
92.	Lobar pneumonia.....	408	273	135								1		1
93.	Pleurisy.....	44	30	14										
94.	Pulmonary congestion.....	2	1	1										
	Hypostatic pneumonia.....	8	3	5										
95.	Gangrene of the lung.....	1	1											
96.	Asthma.....	4	3	1										
97.	Pulmonary emphysema.....													
98.	Other diseases respiratory system													
	(tuberculosis excepted).....													
	Abscess of lungs.....	4	4											

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SCAL YEAR ENDING JUNE 30, 1917

[illegible]

VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS.....	MALES.....	FEMALES.....	By										
					Less than 1 Da.		1 Da.		2 Da.		3 to 6 Da.		Total less than 1 Wk.		
					M	F	M	F	M	F	M	F	M	F	
V.	Diseases of the Digestive System.														
99.	Diseases of the mouth and adnexa— Stomatitis (septicæmia following)	1		1											
100.	Diseases of the pharynx— Tonsillitis (streptococcic infection)	3		3											
	Abscess tonsil (septicæmia foll.)	1	1												
	Phlegmonous pharyngitis	1	1												
	Ludwig's angina	2	1	1											
101.	Diseases of the œsophagus.														
102.	Ulcer of the stomach.	36	24	12											
103.	Other diseases of stomach (cancer excepted)— Chronic gastritis	8	3	5											
	Dilatation stomach	1		1											
	Foreign body in stomach.	1	1												
104.	Diarrhœa and enteritis (under 2 yrs.)														
	Cholera infantum	2	2												
	Diarrhœa	3	1	2											
	Enteritis	8	3	5											
	Entero-colitis	7	3	4					1		1				
	Gastro-enteritis	39	19	20											
	Ileo-colitis	4	1	3											
105.	Diarrhœa and enteritis (2 years and over)— Enteritis	8	5	3											
	Entero-colitis	2	2												
	Gastro-enteritis	9	6	3											
	Duodenal ulcer	19	16	3											
106.	Ankylostomiasis														
107.	Intestinal parasites														
108.	Appendicitis	85	61	24											
	(Operative shock)	4	2	2											
	(Operative sepsis)	1	1												
109¹.	Hernias	17	7	10											
	(Operative shock)	2	2												
109².	Intestinal obstructions	33	13	20											
	(Operative shock)	4	1	3											
	(Operative sepsis)	1		1											
	Intussusception	6	2	4						1					
	Volvulus	3	2	1											
110.	Other diseases of the intestines (fecal fistula)	1		1											
	Ischio-rectal abscess (pyremia fol.)	1	1												
	Dilatation colon	1		1											
	Gangrene intestines	1	1												
111.	Acute yellow atrophy of the liver.	4	2	2											
112.	Hydatid tumor of the liver.	1		1											
113.	Cirrhosis of the liver	130	91	39											
114.	Biliary calculi	12	6	6											
	(Operative shock)	2	1	1											
	(Operative sepsis)	1		1											
115.	Other diseases of the liver.														
	Abscess of	3	3												
	Inflammation of	2	1	1											
	Catarrhal jaundice	2	1	1											
	Cholecystitis	8	6	2											
	Empyema gall bladder	4	2	2											
116.	Diseases of the spleen.														
117.	Simple peritonitis (non-perforated).														
118.	Other diseases of digestive system (excepting cancer, tuberculosis). Hemorrhagic pancreatitis	6	3	3											

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[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

135

FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

[illegible]

137

ISCAL YEAR ENDING JUNE 30, 1917

[illegible]

139

FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1916

Ages																														
1 Wk.		2 Wks.		3 Wks but less than 1 Mo.		Total less than 1 Mo.		1 Mo.		2 Mo.		3 to 5 Mo.		6 to 8 Mo.		9 to 11 Mo.		Total under 1 Yr.		1 Yr.		2 Yrs.		3 Yrs.		4 Yrs.		Total under 5 Yrs.		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																						</								

VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

[illegible]

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	By													
	5		10		15		20		25		30		35	
	to		to		to		to		to		to		to	
	9		14		19		24		29		34		39	
	Yrs.		Yrs.		Yrs.		Yrs.		Yrs.		Yrs.		Yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
DEATHS FROM ALL CAUSES.	77	53	41	34	60	36	143	74	186	108	268	119	301	165
I. General Diseases	36	27	15	17	24	21	65	26	82	44	96	41	128	56
II. Diseases of Nervous System	3	4		1	2	1	5	2	6	1	11	3	6	9
III. Diseases of Circulatory System	4	2	7	3	4	5	10	2	12	5	25	12	18	13
IV. Diseases of Respiratory System	11	9	2	4	8	1	7	8	20	6	30	14	35	18
V. Diseases of the Digestive System	6	2	6	4	4	3	7	8	8	11	30	11	25	12
VI. Diseases of Genito-Urinary System	3	3	1	2	3	3	7	6	11	16	11	16	26	24
VII. The Puerperal State						1		9		12		12		17
VIII. Diseases of the Skin														
IX. Diseases of the Bones	1		1	1	2			1	1				1	
X. Malformations														
XI. Diseases of Early Infancy														
XII. Old Age														
XIII. Affections Produced by External Causes	13	6	9	2	14	1	42	12	45	13	65	10	61	16
XIV. Ill-Defined Diseases														
1. General Diseases.														
1. Typhoid fever				1	1	1	1	2	2		1	1	2	
2. Typhus fever														
3. Relapsing fever														
4. Malaria											1			
5. Smallpox	1			1					1				1	
6. Measles	1	3			2				1					
7. Scarlet fever				2	1			1						
8. Whooping cough														
9. Diphtheria	19	16	7	5	1					1			1	
10. Influenza														
11. Miliary fever														
12. Asiatic cholera														
13. Cholera Nostras														
14. Dysentery														
15. Plague														
16. Yellow fever														
17. Leprosy														
18. Erysipelas	1												1	1
19. Other epidemic diseases—														
Mumps								1						
20. Purulent infection and septicæmia—														
Following infection axilla													1	
Following infection hand						1								
Following fracture of toe														
Following abrasion of heel					1									
Streptococcus septicæmia							1							
Pyæmia—														
Following infection of finger													1	
Following pus absorption														
21. Glanders														
22. Anthrax														
23. Rabies														
24. Tetanus—														
Following vaccination			1											
25. Mycoses (Actinomycosis)												1		
26. Pellagra														
27. Beriberi														
28. Tuberculosis of the lungs	3	1	1	2	11	13	46	19	66	31	66	22	86	31
29. Acute miliary tuberculosis	2		1		1		2	1	2	1			2	
30. Tuberculous meningitis	2	3	1	1	2	1				1	1	1	1	
31. Abdominal tuberculosis (intestinal)											1	1	1	
Peritoneal								1					1	

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

Ages																											
40 to 44 Yrs.		45 to 49 Yrs.		50 to 54 Yrs.		55 to 59 Yrs.		60 to 64 Yrs.		65 to 69 Yrs.		70 to 74 Yrs.		75 to 79 Yrs.		80 to 84 Yrs.		85 to 89 Yrs.		90 to 94 Yrs.		95 to 99 Yrs.		100 Yrs. and over		Un-known	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
				1																							
			1							1																	
	1				1					1		1															
					</																						

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	By													
	5		10		15		20		25		30		35	
	to		to		to		to		to		to		to	
	9		14		19		24		29		34		39	
	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
71. Convulsions of infants.....														
72. Chorea.....	1													
73. Neuralgia and neuritis (neuritis).....														
74. Other diseases of the nervous system.....														
Abscess of brain.....							1				1			
Tumor of brain.....	1	1	1		1		1				3		1	
Anemia of brain.....														
75. Diseases of the eyes and their adnexa.....														
76. Diseases of the ears—														
Otitis media.....					1		1	1					1	
III. Diseases of the Circulatory System.														
77. Pericarditis.....		1	1				1				1	1	2	
78. Acute endocarditis.....	3		1	2	1	1	3		2		6	3	3	
79. Organic diseases of the heart—														
(1) Valvular.....			3	1	1	3	5	1	7	4	10	7	7	5
(2) Endocarditis, chronic.....			1		2		2		3	1	4	1	3	3
(3) Fatty heart.....											1			
(4) Myocarditis, chronic.....													1	
80. Angina pectoris.....													1	
81. Diseases of arteries, atheroma,													1	
aneurysm, etc.—														
(1) Aneurism of aorta.....					1						1		1	
(2) Arterio-sclerosis.....														1
82. Embolism and thrombosis.....														3
83. Diseases of veins—														
Hæmorrhoids.....											1			
Phlebitis.....														1
Phlebitis (septicæmia following).....	1													
84. Diseases of lymphatic system—														
Enlarged thymus (oper. shock).....			1											
Lymphangitis (septic from ulcer-											1			
ated tooth).....														
Status lymphaticus.....	1													
Status thymicus (septic).....														
85. Hæmorrhage (other diseases of cir-														
culatory system).....														
IV. Diseases of the Respiratory System.														
86. Diseases of the nasal fossæ.....														
87. Diseases of the larynx—														
Acute laryngitis.....							1							
Tumor of larynx.....														
Edema of glottis.....											1	1		
Spasm of glottis.....														
88. Diseases of the thyroid body—														
Thyreoidism.....											1			
Myxedema.....	1													
89. Acute bronchitis.....	1													
90. Chronic bronchitis.....													2	
91. Bronchopneumonia.....	3	5	1	2	2	1	8	1	7	2	7	2	2	
92. Lobar pneumonia.....	6	3	2	2	6	1	4	6	8	5	16	9	24	13
93. Pleurisy.....	1	1	1				1	3			3	1	2	2
94. Pulmonary congestion.....											1	1		
Hypostatic pneumonia.....														1
95. Gangrene of the lung.....											1			
96. Asthma.....														
97. Pulmonary emphysema.....														
98. Other diseases respiratory system														
(tuberculosis excepted).....														
Abscess of lungs.....									1					

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		By														
		5		10		15		20		25		30		35		
		to		to		to		to		to		to		to		
		9	14	19	24	29	34	39	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	
VI. Diseases of the Genito-Urinary System.																
119.	Acute nephritis	2	2	1			1	2		1	6	3				
120.	Bright's disease	1			2	3	2	5	4	8	7	8	7	18	13	
121.	Chyluria															
122.	Other diseases of the kidneys and adnexa—															
	Abscess of															
	Tumor of										1					
	(Operative shock).....															
	Pyelitis													1		
	Pyelonephritis						1		1							
	Pyonephrosis										2			1		
	Staphylococcic infection of															
123.	Calculi of the urinary passages.....															
124.	Diseases of the bladder (cystitis, chronic)															
	Cystitis, streptococcic septicemia.....		1													
	Tumor of															
	Septic infection of.....															
125.	Diseases of the urethra, urinary ab- scess, etc. (recto-vesical fistula).....															
126.	Diseases of the prostate (hypertrophy of)															
	(Operative shock).....															
	Abscess of															
	Inflammation of (septicemia foll.)															
127.	Nonvenereal diseases male genital organs															
128.	Uterine hæmorrhage (nonpuerperal).....															
129.	Uterine tumor (noncancerous).....															
	Fibro-myoma of									1	2		1			
	(Operative shock)											1		1		
130.	Other diseases of the uterus—															
	Prolapse of															
	Endometritis						1									
	Menopause															
	Pelvic cellulitis									1	1					
	Gangrene uterus									1						
131.	Cysts and other tumors of the ovary (cyst)							1		1						
	cyst (operative shock)									1						
132.	Salpingitis and other diseases of fe- male genital organs (salpingitis)					1					4	4		6		
133.	Nonpuerperal diseases of the breast (cancer excepted)—															
	Mastitis (septicemia following).....															
VII. The Puerperal State.																
134.	Accidents of pregnancy—															
	Abortion (spontaneous)														1	
	Abortion (self-induced)															
	Miscarriage								1						1	
	Extra uterine pregnancy.....										2	1		2		
	Pernicious vomiting											1				
	Prolapse of uterus.....													1		
135.	Puerperal hæmorrhage—															
	Placenta previa							1				1		1		
	Retained placenta													1		
	Post-partum							1								
136.	Other accidents of labor—															
	Cesarian section								1						1	
	Difficult labor												1		1	
	Prolonged labor												1			

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

[illegible]

VITAL STATISTICS

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TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

CAUSES OF DEATH (International Classification)		By															
		5		10		15		20		25		30		35			
		to		to		to		to		to		to		to			
		9	14	19	24	29	34	39	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
152 ¹	Other diseases peculiar to early infancy	•															
	Difficult labor																
	Instrumental delivery																
	Rupture spleen																
	Strangulation, umbilical cord																
152 ²	Asphyxia neonatorum																
	Atelectasis neonatorum																
	Hemorrhagica neonatorum																
	Melena neonatorum																
	Hemorrhage umbilical cord																
	Infection umbilical cord																
	Septic pyelo-cystitis																
	Suffocation (in bed clothes)																
153.	Lack of care (exposure)																
XII. Old Age.																	
154.	Senility																
XIII. Affections Produced by External Causes.																	
155.	Suicide by poison—																
	Arsenic																
	Bi-chloride mercury										1				2	1	
	Chloroform							1	1								
	Cresol																
	Cyanide of potassium											1			1		
	Lysol							1						1			
	Morphine																
	Phenol															1	
	Strychnine									1							
156.	Suicide by asphyxia (illuminating gas)							4	2	3	3	6	1	2	1		
157.	Suicide by hanging or strangulation									1		2		3			
158.	Suicide by drowning							2				1		1			
159.	Suicide by firearms														1		
160.	Suicide by cutting or piercing instrument							3		8	1	7	2	6	3		
161.	Suicide by jumping from a high place									1		3		2			
162.	Suicide by crushing (under train)										1			1			
163.	Other suicides														1		
164.	Poisoning by food—																
	Ptomaines (eating peanuts)																
165.	Other acute poisonings—																
	Alum (accidentally self-admin.)																
	Belladonna (accidentally self-ad.)																
	Chloroform (accidentally self-ad.)																
	Cresol (accidentally self-admin.)													1			
	Lysol (accidentally self-admin.)											1					
	Opium (accidentally self-admin.)																
	Potash (accidentally self-admin.)																
	Strychnine (accidentally self-ad.)																
	Unknown poison (accidentally self-administered)											1					
166.	Conflagration (in burning building)								2					1			
167.	Burns (conflagration excepted)—																
	Accidental ignition clothing—																
	From bonfire																
	Playing with matches		1														
	From lighted candle										1						
	From lighted cigarette															1	
	From spirit lamp																

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		By													
		5		10		15		20		25		30		35	
		to		to		to		to		to		to		to	
		9		14		19		24		29		34		39	
		Yrs.		Yrs.		Yrs.		Yrs.		Yrs.		Yrs.		Yrs.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
	From gas stove						1								
	Lighting fire kerosene														
	Explosion kerosene stove														
	Burns from burning asphalt														
	From boiling paraffine														
	From escaping steam									1					
	From explosion distillate						1								
	From exploding gasoline														
	From scalding soup														
	From scalding tea														
	From scalding water		1												
168.	Absorption of deleterious gases (con- flagration excepted)—														
	Illuminating gas (accidental)						6		4	1	4	2	3	1	
	Inhalation of smoke														
	Ether anesthesia								1						
	Nitrous oxide anesthesia				1										
	Inhalation chloroform fumes														
	Inhalation cyanide fumes				1		1				1				
169.	Accidental drowning (Bay)			2			5				2		2		
	Pacific ocean														
170.	Traumatism by firearms			1		1	3	1					1		
171.	Traumatism by cutting or piercing instruments—														
	By broken glass										1				
	Piercing abdomen								1						
172.	Traumatism by fall—														
	From baby carriage														
	Over balustrade														
	From bed														
	From bunker														
	From chair														
	From chimney										1				
	Over cliff						1								
	From derrick										2				
	From electric light pole													1	
	On floor										1				
	From high-chair														
	From ladder														
	On pavement						1	1			2		1		
	From plank														
	From platform														
	From R. R. trestle														
	From scaffold				1						2		3		
	From scaffold (defective)								1						
	Into hold of ship														
	Thru skylight														
	From sliding-board	1													
	From sliding-pole												1		
	Down stairs													1	
	From swinging rings				1							1			1
	Fall against stove														
	From wall														
	From window				1		1		1		2				
	Nature unknown							1							
173.	Traumatism in mines and quarries—														
	Delayed shot in tunnel								1		1		1		
	Falling timber in tunnel								1						
	Fall in mine										1				
	Fracture spine in mine								1						
	By falling rock in quarry								1						

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

VITAL STATISTICS

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

TABLE No. III.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	7294	4580	2714	1954	710	1726	972	602	967
I. General Diseases	2118	1375	743	718	229	490	315	118	181
II. Diseases of Nervous System	528	283	245	71	33	150	92	46	116
III. Diseases of Circulatory System	1250	739	511	202	51	320	149	163	306
IV. Diseases of Respiratory System	867	570	297	260	107	182	76	88	109
V. Diseases of the Digestive System	496	298	192	137	94	120	72	27	40
VI. Diseases of Genito-Urinary System	852	505	347	143	44	253	150	91	141
VII. The Puerperal State	53		53				53		
VIII. Diseases of the Skin	12	5	7	2	4	2	2	1	1
IX. Diseases of the Bones	17	13	4	10	3		1		
X. Malformations	48	22	26	22	26				
XI. Diseases of Early Infancy	208	123	85	123	85				
XII. Old Age	67	35	32	5	6	7	1	21	24
XIII. Affections Produced by External Causes	780	608	172	257	48	199	61	17	49
XIV. Ill-Defined Diseases	4	4		4					
1. General Diseases.									
1. Typhoid fever	20	13	7	5	4	6	3	1	
2. Typhus fever									
3. Relapsing fever									
4. Malaria	2	1	1		1			1	
5. Smallpox	7	3	4	1	4	2			
6. Measles	38	24	14	24	14				
7. Scarlet fever	8	7	1	7	1				
8. Whooping cough	16	7	9	7	9				
9. Diphtheria	98	56	42	55	40		2		
10. Influenza	9	4	5			3		1	5
11. Miliary fever									
12. Asiatic cholera									
13. Cholera Nostras									
14. Dysentery	2	2		1		1			
15. Plague									
16. Yellow fever	1	1		1					
17. Leprosy	1	1		1					
18. Erysipelas	14	9	5	4	1	4	2	1	2
19. Other epidemic diseases—									
Mumps	1		1		1				
20. Purulent infection and septicæmia—									
Following infection axilla	1	1				1			
Following infection hand	4	3	1	2			1	1	
Following fracture of toe	1	1				1			
Following abrasion of heel	1		1		1				
Streptococcus septicæmia	2	2		1		1			
Pyæmia—									
Following infection of finger	1	1				1			
Following pus absorption	1	1				1			
21. Glanders									
22. Anthrax									
23. Rabies									
24. Tetanus—									
Following vaccination	1		1		1				
25. Mycoses (Actinomycosis)	1		1		1				
26. Pellagra									
27. Beriberi									
28. Tuberculosis of the lungs	795	624	171	364	57	197	86	45	22
29. Acute miliary tuberculosis	19	15	4	12	3	2	1		
30. Tuberculous meningitis	50	33	17	31	14	2			
31. Abdominal tuberculosis (intestinal) ..	7	6	1	5		1	1		
Peritoneal	5	4	1	1	1	3			

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FISCAL YEAR ENDING JUNE 30, 1917

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TABLE No. III—Continued

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
32. Pott's disease—									
(Tuberculosis spine)	3	3	2	1					
(Operative shock)	2		1			1		1	
Septicæmia following	1		1					1	
33. White swellings—									
Tuberculosis hip	1	1	1						
Arthritis knee	1		1					1	
(Operative shock)	1	1	1						
34. Tuberculosis of other organs—									
Of Cervical lymph glands	1	1	1						
Of kidney	7	6	1	2	1	4			
(Operative shock)	1	1	1						
Of sternum	1	1	1						
Lupus	1		1					1	
35. Disseminated tuberculosis	3	3	3						
36. Rickets	1	1	1						
37. Syphilis (congenital)	21	10	11	10	11				
Syphilis (acquired)	72	55	17	23	2	21	9	4	6
38. Gonococcus infection	1		1					1	
39. Cancer of the buccal cavity—									
Lip	7	6	1	2	1	3		1	
Lip (operative shock)	1	1				1			
Maxilla (jaw)	12	11	1	3		4		2	1
Tongue	14	14		6		7			
Tonsil	2	1	1			1			1
Sarcoma of tonsil	1	1	1						
40 ¹ Cancer of the stomach	213	151	62	45	4	80	36	19	20
(Operative shock)	1	1	1						
Sarcoma of stomach	2	1	1	1			1		
40 ² Cancer of the liver	55	31	24	6	1	18	13	6	10
(Operative shock)	1	1				1			
41 ¹ Cancer of the peritonæum, intestines—									
Of Intestines	48	22	26	4	2	11	8	7	16
Of intestines (operative shock)	3		3				3		
Sarcoma of intestines	8	7	1	3		4	1		
41 ² Cancer of rectum	37	24	13	9	2	13	2	1	9
(Operative shock)	2	1	1			1	1		
42. Cancer of the female genital organs—									
Of uterus	84		84		5		51		22
Uterus (operative shock)	3		3				2		1
Of ovary	7		7		2		4		1
Of vulva	2		2						2
43. Cancer of the breast	48		48		13		20		13
Sarcoma of breast	1		1		1				
44. Cancer of the skin—									
Of ear	1	1				1			
Of face	4	3	1			3			1
Of nose	3	1	2	1					2
Sarcoma of face	1				1				
45. Cancer of other or unspecified organs									
Bladder (urinary)	15	12	3	2	1	5	1	4	1
Bladder (urinary) operative shock	2	1	1			1	1		
Brain	2		2				2		
Eye	2	1	1			1			1
Inguinal glands	2	1	1	1					1
Kidney	4	3	1	1		2	1		
Larynx	11	11	3			7			
Lung	5	5	1			2		1	
Mediastinum	2	1	1			1	1		
Neck	4	4		4					
Penis	1	1		1					
Pharynx	5	5	1			3			
Pleura	2	2	1	1		1			
Prostate	12	12		3		6		3	

TABLE NO. III—Continued.

During the Fiscal Year Ending June 30, 1917.

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				2				1				2			1						
					2									1					1		
					1									1							
								1						1					1		
				1														1			
				1																	
				6	1									1	1	3		1			
				1														1			
				1														1			
				1														1			
				2					1			3								1	
				1										1							
				10	10			1				6	11	4							
3		4		49	17	1		5				2	7	1	22	9	25	5	1		
					1													1			
				6	1									2		1		3			1
				1														1			
1		1		10	1			1							4		6	1	1		
		1		13				1				1	5		1		7				
				1	1										1	1					
				1														1			
3	2	4		144	62			4		3		5	4	12	9	32	18	100	31	2	
				1												1					
				1	1													1	1		
1				27	24			4				1		1	2	8	5	21	17		
				1														1			
				22	24			1		1		2	3	2	2	7	6	11	15		
					3										1		1		1		
				6	1				1					2		5			1		
1				23	13			1				1	1	2	1	6	5	14	5	1	1
				1	1										1	1					
		6			83					1		3		17		30		34			
					3							1				1		1			
					7							1				4		2			
					2													2			
	1		1		47			1				8		10		9		21			
					1										1						
				1														1			
				3	1											1		2	1		
				1	2												1		2		
				1								1									
1				11	3			1							4	1	8	2			
				1	1										1		1				
					2													2			
				1	1										1			1			
				1	1										1	1					
				3	1									2			1	1			
1				10				1				1		2		2	6				
1				5											2		2				
				1	1									1				1			
				4										1				3			
				1											1						
		1		4				1									5				
				1		1											2				
				12										1		3	8				

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
71. Convulsions of infants.....	2	2		2					
72. Chorea.....	1	1		1					
73. Neuralgia and neuritis (neuritis).....	1		1				1		
74. Other diseases of the nervous system.....									
Abscess of brain.....	5	3	2	2			2	1	
Tumor of brain.....	23	12	11	3	5	8	5	1	
Anemia of brain.....	1		1						1
75. Diseases of the eyes and their adnexa.....									
76. Diseases of the ears—									
Otitis media.....	9	7	2	5	1	2	1		
III. Diseases of the Circulatory System.									
77. Pericarditis.....	14	11	3	4	1	4	2	1	
78. Acute endocarditis.....	35	24	11	19	4	5	4		2
79. Organic diseases of the heart—									
(1) Valvular.....	481	279	202	78	20	133	82	46	98
(2) Endocarditis, chronic.....	161	105	56	25	5	47	12	15	37
(3) Fatty heart.....	22	9	13	4		3	4	2	9
(4) Myocarditis, chronic.....	329	192	137	46	12	70	18	68	107
80. Angina pectoris.....	47	29	18	1		21	13	7	5
81. Diseases of arteries, atheroma, aneurysm, etc.—									
(1) Aneurism of aorta.....	40	34	6	11	1	13	2	6	3
(2) Arterio-sclerosis.....	89	40	49	8	5	18	8	14	36
82. Embolism and thrombosis.....	23	11	12	2	2	5	3	4	7
83. Diseases of veins—									
Hæmorrhoids.....	1	1				1			
Phlebitis.....	3		3				1		2
Phlebitis (septicæmia following).....	1		1		1				
84. Diseases of lymphatic system—									
Enlarged thymus (oper. shock).....	1	1		1					
Lymphangitis (septic from ulcerated tooth).....	1	1		1					
Status lymphaticus.....	1	1		1					
Status thymicus (septic).....	1	1		1					
85. Hæmorrhage (other diseases of circulatory system).....									
IV. Diseases of the Respiratory System.									
86. Diseases of the nasal fossæ.....									
87. Diseases of the larynx—									
Acute laryngitis.....	3	2	1	1	1	1			
Tumor of larynx.....	1	1		1					
Edema of glottis.....	3	1	2		1	1	1		
Spasm of glottis.....	1	1		1					
88. Diseases of the thyroid body—									
Thyreoidism.....	3	2	1			2	1		
Myxedema.....	1		1						1
89. Acute bronchitis.....	50	28	22	13	4	7	6	8	12
90. Chronic bronchitis.....	39	29	10	5	2	15		8	8
91. Bronchopneumonia.....	295	191	104	101	52	90	16	30	35
92. Lobar pneumonia.....	408	273	135	120	42	55	44	34	46
93. Pleurisy.....	44	30	14	15	5	6	6	5	2
94. Pulmonary congestion.....	2	1	1			1	1		
Hypostatic pneumonia.....	8	3	5			1	1	2	4
95. Gangrene of the lung.....	1	1		1					
96. Asthma.....	4	3	1	1		1		1	1
97. Pulmonary emphysema.....									
98. Other diseases respiratory system (tuberculosis excepted).....									
Abscess of lungs.....	4	4		1		2			

VITAL STATISTICS

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				2								2									
				1								1									
					1														1		
				3	2							1			1			2	1		
	1			12	11							2	3	1	3	4	3	5	2		
					1												1				
				7	2								1	2		2	1	3			
2				10	3			1				1	1	1	2	1		8			
	1			23	11			1				5	2	4	4	5		10	5		
6	1	16	1	273	198		2	6	2			16	12	31	14	74	54	145	121	13	1
3		15	2	87	56	2		16				2	1	8	6	23	16	63	32	9	1
				9	13							2	1	1	2	1		5	10		
3		5		189	137	1		2				1	1	6	2	52	40	129	93	4	1
				28	17			1	1			2	2	5	1	8	4	14	11		
		4		32	6	1		1				1	1	4	1	11		17	4	1	
				36	48			4	1				2			11	11	29	36		
				11	12							1				4	6	6	6		
				1												1					
					3																
					1								1						2		
				1								1									
				1								1									
				1								1									
				1								1									
				2	1							1	1	1							
				1										1							
				1	2								1			1			1		
				1								1									
				2												2	1				
					1																
				25	21			3	1			10	5			7	3	11	14		
1				26	10			3				2			1		2	5	24	5	
2	1	8		182	100	3	1	5	2	1	1	44	38	16	10	36	16	91	40	4	
4		20	3	257	131	6	1	9		1	3	41	32	42	29	65	25	109	46	16	3
1	1	3		29	13			1	1			2	5	1	3	9	3	17	3	1	
				1	1													1			
				3	5											1	1	2	4		
				1											1						
				2	1	1										3	1				
1				4												1		3			

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.									
99. Diseases of the mouth and adnexa—									
Stomatitis (septicæmia following)	1		1					1	
100. Diseases of the pharynx—									
Tonsillitis (streptococic infection)	3		3			3			
Abscess tonsil (septicæmia foll.)	1	1							
Phlegmonous pharyngitis	1	1				1			
Ludwig's angina	2	1	1	1	1				
101. Diseases of the œsophagus									
102. Ulcer of the stomach	36	24	12	5		15		1	3
103. Other diseases of stomach (cancer excepted)—									
Chronic gastritis	8	3	5	3	1				4
Dilatation stomach	1		1						1
Foreign body in stomach	1	1		1					
104. Diarrhœa and enteritis (under 2 yrs.)									
Cholera infantum	2	2			2				
Diarrhœa	3	1	2	1	2				
Enteritis	8	3	5	3	5				
Enterocolitis	7	3	4	3	4				
Gastro-enteritis	39	19	20	19	20				
Ileo-colitis	4	1	3	1	3				
105. Diarrhœa and enteritis (2 years and over)—									
Enteritis	8	5	3	3		2	2		1
Enterocolitis	2	2		2					
Gastro-enteritis	9	6	3	2	2			3	1
Duodenal ulcer	19	16	3	4		10	3	2	
106. Ankylostomiasis									
107. Intestinal parasites									
108. Appendicitis	85	61	24	29	11	25	9	5	4
(Operative shock)	4	2	2		1	2	1		
(Operative sepsis)	1	1				1			
109 ¹ . Hernias	17	7	10	3	2	3	2		5
(Operative shock)	2	2				2			
109 ² . Intestinal obstructions	33	13	20	7	5	6	9		6
(Operative shock)	4	1	3		3	1			
(Operative sepsis)	1		1						1
Intussusception	6	2	4	2	3		1		
Volvulus	3	2	1	2	1				
110. Other diseases of the intestines (fecal fistula)									
Ischiorectal abscess (pyæmia fol.)	1	1			1				
Dilatation colon	1		1		1				
Gangrene intestines	1	1		1					
111. Acute yellow atrophy of the liver	4	2	2	2	1		1		
112. Hydatid tumor of the liver	1		1						1
113. Cirrhosis of the liver	130	91	39	34	2	38	27	13	7
114. Biliary calculi	12	6	6		1	5	3	1	2
(Operative shock)	2	1	1			1			
(Operative sepsis)	1		1						1
115. Other diseases of the liver									
Abscess of	3	3		2		1			
Inflammation of	2	1	1			1			1
Catarrhal jaundice	2	1	1	1			1		
Cholecystitis	8	6	2	1		3	2	2	
Empyema gall bladder	4	2	2	1		1	1		1
116. Diseases of the spleen									
117. Simple peritonitis (nonpuerperal)									
118. Other diseases of digestive system (excepting cancer, tuberculosis)									
Hemorrhagic pancreatitis	6	3	3	2	1	1	1		1

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FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
							1													1	
							3						2		1						
1					1													1			
					1											1					
					1		1						1					1			
1	1	2			20	12			4				3	2	2		4	5	13	5	2
						2	5			1					1	1	1		2	3	
					1		1						1				1				
									1				2								
					1		2						1	2							
					3	4			1				3	4			1				
					3	4							1	3	2	1					
					15	17	1		2	3	1		17	12	2	8					
					1	3							1	2		1					
						5	3						1		2		1		1	3	
					2								1		1						
		1			6	3							1	1		1	1		3	1	1
					14	3			1		1			1	3		6	2	7		
1			1		57	22		1	3	1	1		13	6	17	5	14	8	17	5	
					2	2								1					2		
					1														1		
			1	1	7	10								1		2	5		4	5	
					2														2		
					13	13		1					3	4	5	4	2	4	3	8	
		1			1	3								2			1			1	
						1															1
					2	4							2	3						1	
					2	1							2	1							
							1														
					1										1						
					1																
					2					1			1						2		
					1		1												1	1	
					1		1						1				1				
					6		2								1	1		5		1	
					2	2									1		1	2			
					3	3							2						2	1	1

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS...	MALES	FEMALES	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
VI. Diseases of the Genito-Urinary System.										
119.	Acute nephritis	61	41	20	21	6	17	6	3	8
120.	Bright's disease	679	413	266	103	27	214	110	78	120
121.	Chyluria									
122.	Other diseases of the kidneys and adnexa—									
	Abscess of	1	1		1					
	Tumor of	1	1		1					
	(Operative shock)	1		1				1		
	Pyelitis	7	5	2	1		2		2	2
	Pyelonephritis	6	4	2	3				1	2
	Pyonephrosis	13	10	3	3	1	6	1	1	
	Staphylococcc infection of	1		1		1				
123.	Calculi of the urinary passages	3	3		1		2			
124.	Diseases of the bladder (cystitis, chronic)	3	2	1			1	1	1	
	Cystitis, streptococcc septicemia	1		1		1				
	Tumor of	1	1		1					
	Septic infection of	1	1				1			
125.	Diseases of the urethra, urinary ab- scess, etc. (recto-vesical fistula)	1	1						1	
126.	Diseases of the prostate (hypertrophy of)	17	17		6		8		3	
	(Operative shock)	3	3				2		1	
	Abscess of	1	1		1					
	Inflammation of (septicemia foll.)	1	1		1					
127.	Nonvenereal diseases male genital organs									
128.	Uterine hæmorrhage (nonpuerperal)									
129.	Uterine tumor (noncancerous)	10		10						3
	Fibro-myoma of	4		4		1		2		1
	(Operative shock)									
130.	Other diseases of the uterus—									
	Prolapse of	1		1						1
	Endometritis	1		1				1		
	Menopause	1		1				1		
	Pelvic cellulitis	2		2				2		
	Gangrene uterus	1		1				1		
131.	Cysts and other tumors of the ovary (cyst)	7		7		2		4		1
	cyst (operative shock)	2		2				1		
132.	Salpingitis and other diseases of fe- male genital organs (salpingitis)	20		20		4		13		3
133.	Nonpuerperal diseases of the breast (cancer excepted)—									
	Mastitis (septicemia following)	1		1		1				
VII. The Puerperal State.										
134.	Accidents of pregnancy—									
	Abortion (spontaneous)	1		1				1		
	Abortion (self-induced)	2		2				2		
	Miscarriage	2		2				2		
	Extra uterine pregnancy	5		5				5		
	Pernicious vomiting	1		1				1		
	Prolapse of uterus	1		1				1		
135.	Puerperal hæmorrhage—									
	Placenta previa	4		4				4		
	Retained placenta	1		1				1		
	Post-partum	1		1				1		
136.	Other accidents of labor—									
	Cesarian section	2		2				2		
	Difficult labor	2		2				2		
	Prolonged labor	1		1				1		

VITAL STATISTICS

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1917

Relation				Color								Nativity									
Divorced		Unascertained		White		Black		Chinese		Japanese		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
6	8	12	1	36	19	1	1	2	2	8	6	4	2	8	7	19	5	2			
				393	262	2	3	18	1	24	23	39	24	114	81	227	138	9			
				1						1											
				1													1				
					1													1			
				5	2							1		1	1	3			1		
				3	2			1		1		1		1	1	2	1				
	1			8	3	1			1			1	1	4	1	5	1				
					1								1								
				2				1					1				2				
				2	1									1			2				
					1											1					
				1						1											
				1											1						
				16				1					1		3		13				
				3											2		1				
				1								1									
				1													1				
	1			10								1			4		5				
				4								1		2			1				
				1														1			
				1								1									
				1										1							
				2														2			
				1														1			
				7										3		2		2			
	1			2								1			1						
				20										8		5		6		1	
				1									1								
				1								1						1			
				2										1		1					
				2												2					
				5										2		1		2			
				1												1					
				1														1			
				4												2		2			
				1														1			
				1												1					
				2													1		1		
				2															2		
				1																	

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)		GRAND TOTALS...	MALES	FEMALES	Social					
					Single		Married		Widowed	
					M.	F.	M.	F.	M.	F.
	Rupture of uterus.....	3	3	3				3		
	Shock following childbirth.....	1	1	1				1		
137.	Puerperal septicæmia.....	6	6	6				6		
138.	Puerperal albuminuria and convulsions.....	18	18	18				18		
139.	Puerperal phlegmasia alba dolens, embolus, sudden death (embolism).....	1	1	1				1		
140.	Following childbirth (not otherwise specified).....	1	1	1				1		
141.	Puerperal diseases of the breast.....									
VIII. Diseases of the Skin.										
142.	Gangrene of leg.....	2	2	2				1		1
143.	Furuncle (pyæmia following).....	1	1	1		1				
	Carbuncle lip (septicæmia foll.).....	1	1	1				1		
144.	Acute abscess—									
	Of buttock.....	1	1	1		1				
	Multiple (pyæmia foll.).....	1	1	1				1		
	Streptococcic cellulitis.....	2	1	1		1			1	
145.	Other diseases of the skin and adnexa									
	Erythema (septicæmia foll.).....	1	1	1		1				
	Impetigo (septicæmia foll.).....	1	1	1		1				
	Pemphigus (neonatorum).....	1	1	1		1				
	Ulcer leg (septicæmia foll.).....	1	1	1				1		
IX. Diseases of the Bones.										
146.	Diseases of the bones (tuberculosis excepted)—									
	Mastoiditis.....	6	4	2	3	1	1	1		
	Mastoiditis (septicæmia foll.).....	3	3	3		2		1		
	Osteomyelitis, multiple.....	2	1	1	1	1				
	Osteomyelitis (septicæmia foll.).....	2	2	2	2					
147.	Diseases of the joints (excepting tuberculosis and rheumatism—									
	Abscess ankle (septicæmia foll.).....	1	1	1		1				
	Abscess knee (pyæmia foll.).....	1	1	1				1		
	Arthritis, chronic, multiple.....	1	1	1		1				
	Arthritis (septic).....	1	1	1		1				
148.	Amputations.....									
149.	Other diseases of the organs of locomotion.....									
X. Malformations.										
150 ¹	Hydrocephalus.....	3	1	2	1	2				
150 ²	Congenital malformation of heart.....	32	15	17	15	17				
150 ³	Other congenital malformations—									
	Imperforate anus.....	1	1	1		1				
	(Operative sepsis).....	1	1	1		1				
	Cleft palate.....	1	1	1		1				
	Hemiaccephalus.....	1	1	1		1				
	Microcephalus.....	1	1	1		1				
	Pyloric stenosis.....	2	1	1	1	1				
	Spina bifida.....	3	1	2	1	2				
	Enlarged thymus.....	2	1	1	1	1				
	Defect vascular system.....	2	1	1		1				
XI. Diseases of Early Infancy.										
151 ¹	Premature birth.....	119	71	48	71	48				
151 ²	Congenital debility, "atrophy," "marasmus," etc.....	15	11	4	11	4				
	Icterus neonatorum.....	1	1	1		1				

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
152 ¹ Other diseases peculiar to early infancy									
Difficult labor	3	2	1	2	1				
Instrumental delivery	13	10	3	10	3				
Rupture spleen	1		1		1				
Strangulation, umbilical cord.....	1		1		1				
152 ² Asphyxia neonatorum	4	2	2	2	2				
Atelectasis neonatorum	27	14	13	14	13				
Hemorrhagica neonatorum	11	4	7	4	7				
Melena neonatorum	2	2		2					
Hemorrhage umbilical cord	4	3	1	3	1				
Infection umbilical cord.....	3	2	1	2	1				
Septic pyelo-cystitis	1		1		1				
Suffocation (in bed clothes).....	1		1		1				
153. Lack of care (exposure).....	2	2		2					
XII. Old Age.									
154. Senility	67	35	32	5	6	7	1	21	24
XIII. Affections Produced by External Causes.									
155. Suicide by poison—									
Arsenic	1	1				1			
Bi-chloride mercury	7	4	3			2	1		1
Chloroform	3	2	1	1	1				
Cresol	1	1				1			
Cyanide of potassium.....	7	6	1	2	1	1		1	
Lysol	2	1	1			1	1		
Morphine	1	1		1					
Phenol	1		1		1				
Strychnine	5	5		1		2			
156. Suicide by asphyxia (illuminating gas)	70	48	22	16	3	15	9	2	6
157. Suicide by hanging or strangulation..	11	11		7		3			
158. Suicide by drowning	9	8	1	3		4		1	
159. Suicide by firearms	86	77	9	27		27	7	4	
160. Suicide by cutting or piercing instrument	11	11		4		4		1	
161. Suicide by jumping from a high place	8	2	6		4	2	1		1
162. Suicide by crushing (under train)....	1	1							
163. Other suicides									
164. Poisoning by food—									
Ptomaines (eating peanuts).....	1		1						1
165. Other acute poisonings—									
Alum (accidentally self-admin.)....	1		1						1
Belladonna (accidentally self-ad.)...	1		1		1				
Chloroform (accidentally self-ad.)...	1		1						1
Cresol (accidentally self-admin.)....	1		1				1		
Lysol (accidentally self-admin.)....	1	1		1					
Opium (accidentally self-admin.)....	1	1		1					1
Potash (accidentally self-admin.)....	1	1						1	
Strychnine (accidentally self-ad.)...	1		1						1
Unknown poison (accidentally self-administered)	1		1						
166. Conflagration (in burning building)...	5	1	4		1	1	2		1
167. Burns (conflagration excepted)—									
Accidental ignition clothing—									
From bonfire	1	1		1					
Playing with matches.....	3	1	2	1	2				
From lighted candle	2	1	1		1				1
From lighted cigarette	1		1				1		
From spirit lamp	1		1		1				

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
From gas stove	2		2				2		
Lighting fire kerosene	1		1						1
Explosion kerosene stove	1	1						1	
Burns from burning asphalt	1	1				1			
From boiling paraffine	1		1		1				
From escaping steam	1	1		1					
From explosion distillate	1	1				1			
From exploding gasoline	1	1				1			
From scalding soup	1		1		1				
From scalding tea	1	1		1					
From scalding water	3	1	2	1	2				
168. Absorption of deleterious gases (con- flagration excepted)—									
Illuminating gas (accidental)	82	66	16	25	3	21	5	12	4
Inhalation of smoke	1	1							
Ether anesthesia	2	2		1		1			
Nitrous oxide anesthesia	1		1		1				
Inhalation chloroform fumes	1	1		1					
Inhalation cyanide fumes	3	3		3					
169. Accidental drowning (Bay)	38	38		17		5		2	
Pacific ocean	4	3	1	1					1
170. Traumatism by firearms	8	7	1	7			1		
171. Traumatism by cutting or piercing instruments—									
By broken glass	1	1						1	
Piercing abdomen	1	1				1			
172. Traumatism by fall—									
From baby carriage	1	1		1					
Over balustrade	1	1							
From bed	2		2						2
From bunker	1	1		1					
From chair	5	1	4	1			2		2
From chimney	1	1		1					
Over cliff	1	1		1					
From derrick	2	2				1			
From electric light pole	1	1						1	
On floor	14	3	11		3	1	2		6
From high-chair	1	1		1					
From ladder	4	4		1		3			
On pavement	17	11	6	6	1	1	1	2	4
From plank	1	1		1					
From platform	2	2				2			
From R. R. trestle	1	1						1	
From scaffold	9	9		3		6			
From scaffold (defective)	1	1		1					
Into hold of ship	2	2				2			
Thru skylight	2	1	1	1	1				
From sliding-board	1	1		1					
From sliding-pole	1	1							
Down stairs	17	14	3	6		1	2	4	1
From swinging rings	1	1		1					
Fall against stove	1		1						1
From wall	1	1						1	
From window	11	7	4	5	2		1		1
Nature unknown	3	2	1	1	1			1	
173. Traumatism in mines and quarries—									
Delayed shot in tunnel	3	3		1		2			
Falling timber in tunnel	1	1				1			
Fall in mine	1	1		1					
Fracture spine in mine	1	1				1			
By falling rock in quarry	1	1				1			

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

VITAL STATISTICS

TABLE No. III—Continued

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
178. Excessive cold									
179. Effects of heat									
180. Lightning									
181. Electricity (lightning excepted)—									
Accidental electrocution	4	4		1		3			
182. Homicide by firearms	33	21	12	10	3	9	8	1	
183. Homicide by cutting or piercing instruments	5	4	1	4			1		
184. Homicide by other means—									
By blows	5	5				1		2	
By blows (in fist fight)	2	2				1		1	
By strangulation	1		1				1		
By illuminating gas	4	1	3	1	3				
By bomb explosion	9	7	2	2		4	2	1	
By criminal abortion	3		3		1		2		
185. Fractures—									
Spine (dive while swimming)	2	2		2					
Skull (manner unknown)	3	3		1		2			
Tibia (manner unknown)	1	1				1			
186. Other injuries—									
Perforation chest (fall on picket fence)	1	1		1					
Traumatic cerebral hemorrhage (manner unknown)	1	1		1					
Explosion oxygen tank	2	2				2			
XIV. Ill-Defined Diseases.									
187. Ill-defined organic disease									
188. Sudden death									
189 ¹ Cause of death ill-defined									
189 ² Cause of death not specified, or unknown—									
Decomposed remains	4	4		4					

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FISCAL YEAR ENDING JUNE 30, 1917

[illegible]

TABLE NO. III.—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																	
	1st District		2nd District		3rd District		4th District		5th District		En route ★ to Hospital		Pub. Inst- t'ns, hos- pitals, etc		Non-Resi- dent			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
DEATHS FROM ALL CAUSES.	7294	4580	2714	729	555	373	237	253	264	347	283	172	174	107	8	2599	1193	571199
I. General Diseases	2118	1375	743	198	140	75	68	52	79	93	68	39	45	8	...	915	343	193 77
II. Diseases of Nervous System	528	283	245	49	54	20	22	27	29	24	28	22	18	...	...	141	94	31 17
III. Diseases of Circulatory System	1250	739	511	172	111	82	53	66	75	69	63	42	42	10	2	238	165	68 15
IV. Diseases of Respiratory System	867	570	297	86	68	42	22	32	20	30	39	15	19	3	...	332	123	67 22
V. Diseases of the Digestive System	490	298	192	28	40	22	19	6	3	13	13	8	11	2	...	219	106	58 14
VI. Diseases of Genito-Urinary System	852	505	347	77	72	40	20	43	41	40	43	22	24	6	...	277	147	81 29
VII. The Puerperal State	53	53	...	...	...	...	1	...	...	...	...	...	...	...	...	48	...	5
VIII. Diseases of the Skin	12	5	7	2	2	...	...	...	...	...	...	...	...	...	...	3	...	...
IX. Diseases of the Bones	17	13	4	...	...	...	1	...	...	1	...	...	...	...	...	12	3	2
X. Malformations	48	22	26	4	3	2	1	...	2	4	4	...	2	...	...	12	14	1
XI. Diseases of Early Infancy	208	123	85	23	13	10	2	2	20	12	4	4	...	...	...	61	42	...
XII. Old Age	67	35	32	4	10	3	3	5	4	4	2	...	4	...	...	19	9	2
XIII. Affections Produced by External Causes	780	608	172	85	39	62	16	20	6	29	11	20	4	82	6	310	90	70 16
XIV. Ill-Defined Diseases	4	4	...	1	...	2	...	...	...	...	...	...	...	1	...	...	...	...
1. General Diseases.																		
1. Typhoid fever	20	13	7	1	2	1	...	...	...	...	...	...	...	...	...	11	5	4 2
2. Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Relapsing fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Malaria	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
5. Smallpox	7	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	3	4
6. Measles	38	24	14	10	2	3	3	2	4	2	...	1	...	...	...	7	4	...
7. Scarlet fever	8	7	1	1	4	...	...	...	...	...	...	...	...	...	...	5	1	1
8. Whooping cough	16	7	9	4	1	1	1	1	3	1
9. Diphtheria	98	56	42	8	9	2	5	...	2	4	6	2	4	40	16	1
10. Influenza	9	4	5	1	1	...	2	2

[illegible]

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64. Cerebral hemorrhage, apoplexy.....	374	188	189	43	47	14	17	18	29	17	23	12	12	84	63	16	9
65. Softening of the brain.....	18	10	8	3	1	.....	2	2	2	1	1	.....	2	.....	4	3	.....	.....	2
66. Paralysis without specified cause.....	5	3	2	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	3	1	.....	.....	.....
67. Hemiplegia.....	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	.....	.....
68. General paralysis of the insane.....	4	4	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
69. Other forms of mental alienation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70. Epilepsy.....	15	10	5	.....	3	1	.....	.....	1	.....	.....	2	1	.....	5	2	.....	.....	1
71. Convulsions (nonperpetual).....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72. Convulsions of infants.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
73. Chorea.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74. Neuralgia and neuritis (neuritis).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75. Other diseases of the nervous system.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76. Abscess of brain.....	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
77. Tumor of brain.....	23	12	11	.....	1	.....	.....	1	3	2	.....	.....	.....	.....	1	2	.....	.....	.....
78. Anemia of brain.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
79. Diseases of the eyes and their adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80. Diseases of the ears.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81. Otitis media.....	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	2	.....	.....	.....
III. Diseases of the Circulatory System.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77. Pericarditis.....	14	11	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78. Acute endocarditis.....	35	24	11	5	2	1	2	2	2	.....	.....	.....	.....	.....	5	2	.....	.....	.....
79. Organic diseases of the heart—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(1) Valvular.....	481	279	202	48	40	25	36	24	33	35	26	17	5	1	125	55	.....	26	7
(2) Endocarditis, chronic.....	161	105	54	37	16	17	5	7	3	30	13	3	.....	.....	30	16	.....	15	.....
(3) Fatty heart.....	22	9	13	4	2	1	2	1	1	.....	4	.....	.....	.....	1	3	.....	2	1
(4) Myocarditis, chronic.....	329	192	137	46	31	23	11	13	21	17	14	11	12	3	79	47	.....	10	4
80. Angina pectoris.....	47	29	18	10	10	2	.....	5	3	4	.....	2	1	1	5	4	.....	3	1
81. Diseases of arteries, atheroma, aneurysm, etc.—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(1) Aneurism of aorta.....	40	34	6	6	2	6	.....	7	1	1	.....	2	.....	.....	12	3	.....	.....	.....
(2) Arterio-sclerosis.....	89	40	43	11	7	5	3	5	11	2	.....	4	.....	.....	13	22	.....	3	.....
82. Embolism and thrombosis.....	23	11	12	1	1	.....	.....	1	.....	.....	.....	1	2	.....	8	6	.....	2	.....
83. Diseases of veins—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hæmorrhoids.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Phlebitis.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Phlebitis (septicæmia following).....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
84. Diseases of lymphatic system—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enlarged thymus (oper. shock).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lymphangitis (septic from ulcerated tooth).....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Status lymphaticus.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Status thymicus (septic).....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85. Hemorrhage (other diseases of circulatory system).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

TABLE NO. III—Continued
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH														Non-Resident		
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
FEMALES																	
MALES																	
GRAND TOTALS...																	
1115. Other diseases of the liver.....	3	3													2		1
Abscess of.....	2	1													1		
Inflammation of.....	2	1															
Catarrhal jaundice.....	2	1															
Cholecystitis.....	8	6															
Empyema gall bladder.....	4	2															
Diseases of the spleen.....																	
1116. Simple peritonitis (nonpuerperal).....																	
1117. Other diseases of digestive system (excepting cancer, tuberculosis)																	
1118. Hemorrhagic pancreatitis.....	6	3													2	1	1
VI. Diseases of the Genito-Urinary System.																	
1119. Acute nephritis.....	61	41	20	7	5	2	1	6	3	3	2	2	3		21	6	6
1120. Bright's disease.....	679	413	266	67	64	35	17	35	37	30	41	20	19	6	220	88	67
1121. Chyluria.....																	15
1122. Other diseases of the kidneys and adnexa—																	
Abscess of.....	1	1													1		
Tumor of.....	1	1													1		
(Operative shock).....																	1
Pyelitis.....	7	5	2												4	1	1
Pyelonephritis.....	6	4	2												4	2	1
Pyonephrosis.....	13	10	3	1		1				2					6	3	3
Staphylococic infection of.....	1																2
1123. Calculi of the urinary passages.....	3	3		1													3
1124. Diseases of the bladder (cystitis, chronic).....	3	2	1												1	1	1
Cystitis, streptococic septicæmia.....	1																

	Tumor of	1	1	1	1	1	1	1	1
	Septic infection of	1	1	1	1	1	1	1	1
125.	Diseases of the urethra, urinary abscesses, etc. (recto-vesical fistula)	1	1	1	1	1	1	1	1
126.	Diseases of the prostate (hypertrophy of)	17	17	1	1	2	3	10	1
	(Operative shock)	3	3	1	1	1	1	3	1
127.	Abscess of	1	1	1	1	1	1	1	1
	Inflammation of (septicæmia foll.)	1	1	1	1	1	1	1	1
128.	Nonvenereal diseases male genital organs	1	1	1	1	1	1	1	1
129.	Uterine hemorrhage (nonperperal)	10	10	2	2	2	2	2	2
130.	Uterine tumor (noncancerous)	4	4	1	1	1	1	1	1
	Fibro-myoma of	1	1	1	1	1	1	1	1
	(Operative shock)	1	1	1	1	1	1	1	1
	Other diseases of the uterus —	1	1	1	1	1	1	1	1
	Prolapse of	1	1	1	1	1	1	1	1
	Endometritis	1	1	1	1	1	1	1	1
	Menopause	1	1	1	1	1	1	1	1
	Pelvic cellulitis	2	2	1	1	1	1	1	1
131.	Gangrene uterus	1	1	1	1	1	1	1	1
	Cysts and other tumors of the ovary	7	7	1	1	1	1	1	1
	(cyst)	2	2	1	1	1	1	1	1
	cyst (operative shock)	2	2	1	1	1	1	1	1
132.	Salpingitis and other diseases of female genital organs (salpingitis)	20	20	1	1	1	1	19	4
133.	Nonperperal diseases of the breast (cancer excepted) —	1	1	1	1	1	1	1	1
	Mastitis (septicæmia following)	1	1	1	1	1	1	1	1
VII. The Perperal State.									
134.	Accidents of pregnancy—	1	1	1	1	1	1	1	1
	Abortion (spontaneous)	2	2	1	1	1	1	1	1
	Abortion (self-induced)	2	2	1	1	1	1	1	1
	Miscarriage	5	5	1	1	1	1	4	1
	Extra uterine pregnancy	1	1	1	1	1	1	1	1
	Pernicious vomiting	1	1	1	1	1	1	1	1
	Prolapse of uterus	1	1	1	1	1	1	1	1
135.	Pnerperal hemorrhage—	4	4	1	1	1	1	3	1
	Placenta previa	1	1	1	1	1	1	1	1
	Retained placenta	1	1	1	1	1	1	1	1
136.	Post-partum	2	2	1	1	1	1	2	1
	Other accidents of labor—	2	2	1	1	1	1	2	1
	Cesarian section	2	2	1	1	1	1	2	1
	Difficult labor	1	1	1	1	1	1	1	1
	Prolonged labor	1	1	1	1	1	1	1	1

VII. The Peurperal State.

134.	Accidents of pregnancy—								
	Abortion (spontaneous)	1	1					1	1
	Abortion (self-induced)	2	2					2	1
	Miscarriage	2		1				1	1
	Extra uterine pregnancy	5						4	1
	Pernicious vomiting	1	1						
	Prolapse of uterus	1						1	
135.	Puerperal hemorrhage—								
	Placenta previa	4	4					2	
	Retained placenta	1	1					1	1
	Post-partum	1	1					1	1
136.	Other accidents of labor—								
	Cesarian section	2	2					2	2
	Difficult labor	2	2					2	2
	Prolonged labor	1	1					1	1

[illegible]

X. Malformations.

[illegible]

XI. Diseases of Early Infancy.

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TABLE NO. III—Continued
REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1917.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH														Non-Resi- dent		
	GRAND TOTALS...	MALES	FEMALES	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
														M.			F.
153. Lack of care (exposure).....	2	2											1				
154. Senility	67	35	32	4	10	3	3	5	4	4	2			1			
XII. Old Age.																	
XIII. Affections Produced by External Causes.																	
155. Suicide by poison—																	
Arsenic.....	1	1															
Bi-chloride mercury	7	4	3	1	1	1							1			1	3
Chloroform	3	2	1	1	1											1	
Cresol	1	1															
Cyanide of potassium.....	7	6	1	1	1	2										3	1
Lysol	2	1	1													1	1
Morphine	1	1				1											
Phenol	1																
Strychnine	5	5		1												4	1
156. Suicide by asphyxia (illuminating gas)	70	48	22	19	9	12	5	5	1	3	1	5	1			4	5
157. Suicide by hanging or strangulation	11	11		7		1				1		1				1	
158. Suicide by drowning	9	8	1														
159. Suicide by firearms	86	77	9	20	4	8	1	7		4	1	4		8	1	28	3
160. Suicide by cutting or piercing in- strument	11	11		3				1						6		4	
161. Suicide by jumping from a high place	8	2	6				1									2	5
162. Suicide by crushing (under train).....	1	1								1							
163. Other suicides																	
164. Poisoning by food— Ptomaines (eating peanuts).....	1	1										1					

[illegible]

[illegible]

TABLE No. IV.

NATIVITIES OF DECEDENTS, FISCAL YEAR 1916 1917.

San Francisco	1169	Washington	19
Other Parts of California.....	936	West Virginia	11
		Wisconsin	47
Other States and Territories.		Wyoming .....	.....
Alabama	10	Totals	1635
Alaska	4		
Arizona	7	Foreign Countries.	
Arkansas	3	Africa	1
Colorado	11	Austria	92
Connecticut	23	Australia	20
Delaware	1	Belgium	14
District of Columbia.....	6	Canada	118
Florida	5	Central America	5
Georgia	9	China	199
Territory of Hawaii.....	9	Denmark	51
Idaho	2	East Indies	2
Illinois	104	England	225
Indiana	40	Finland	35
Indian Territory .....	.....	France	139
Iowa	43	Germany	623
Kansas	9	Greece	29
Kentucky	38	Holland	6
Louisiana	32	Hungary	15
Maine	59	India	7
Maryland	18	Ireland	800
Massachusetts	159	Italy	276
Michigan	43	Japan	31
Minnesota	20	Mexico	60
Mississippi	13	New Brunswick	14
Missouri	99	Newfoundland	3
Montana .....	.....	New Zealand	2
Nebraska	15	Norway	54
Nevada	37	Nova Scotia	18
New Hampshire	12	Philippines	10
New Jersey	33	Porto Rico	6
New Mexico	1	Portugal	32
New York	316	Roumania	7
North Carolina	10	Russia	92
North Dakota .....	.....	Scotland	97
Ohio	117	South Africa	1
Oklahoma	1	South America	15
Oregon	29	Spain	23
Pennsylvania	114	Sweden	147
Rhode Island	11	Switzerland	52
South Carolina	3	Turkey	11
South Dakota	2	Wales	12
Tennessee	18	West Indies	6
Texas	16		
Utah	7	Totals	3350
Vermont	23	At Sea	2
Virginia	26	Unknown	202

TABLE No. V.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS,
ETC.—FISCAL YEAR ENDING JUNE 30, 1917.

Location	Grand Totals	Males	Females
Deaths from all Causes.....	7294	4580	2714
Sanitary Districts.			
First	1284	729	555
Second	610	373	237
Third	517	253	264
Fourth	630	347	283
Fifth	346	172	174
Totals	3387	1874	1513
Hospitals and Institutions under Control of Board of Health			
San Francisco Hospital (General).....	674	492	182
Tuberculosis Hospital	282	240	42
Isolation Hospital	86	61	25
Emergency Hospitals—			
Central	238	202	36
Harbor	38	35	3
Mission	34	25	9
Park	18	13	5
Potrero	9	8	1
Smallpox Hospital .....	...	...	...
Leper Hospital	1	1	...
Relief Home Aged and Infirm.....	270	208	62
Jails and Prisons	3	3	1
Totals	1653	1287	366
Other Hospitals, Sanatoria, Homes and Asylums.			
Adler Sanatorium	25	10	15
Alexander Maternity Hospital.....	4	1	3
Ambero Hospital	1	1	...
Bering Sanatorium	3	1	2
Boult Sanatorium	1	...	1
Buell Sanatorium	1	1	...
Buena Vista Sanatorium.....	58	34	24
Children's Hospital	108	55	53
Fairmont Hospital	68	49	19
French Hospital	109	72	37
German Hospital	155	104	51
Hahnemann Hospital	52	33	19
Hebrew Home Aged Disabled.....	8	6	2
Home Aged (Little Sisters of the Poor).....	53	27	26
Home for Incurables.....	8	2	6
Irving Sanatorium	1	1	...
Ladies' Protection and Relief Society.....	1	...	1
Lane Hospital	171	111	60
Mary's Help Hospital.....	120	63	52

TABLE No. V.—Continued

Location	Grand Totals	Males	Females
Morton Hospital	13	8	5
Mount Zion Hospital.....	105	64	41
Neal Institute	2	2	....
Nursery Homeless Children.....	1	1	....
Old Ladies' Home (Lick).....	3	....	3
Old Ladies' Home (Prot. Episc.).....	4	....	4
Old People's Home	20	6	14
Pacific Hebrew Home	4	3	1
Park Sanatorium .....	....	....	....
Robinson Sanatorium .....	....	....	....
Roman Catholic Orphan Asylum.....	1	1	....
St. Francis Hospital.....	150	82	68
St. Joseph's Hospital.....	151	74	77
St. Luke's Hospital.....	186	97	89
St. Mary's Hospital.....	155	92	63
St. Winifred Hospital.....	26	20	6
S. P. Rialroad Hospital.....	88	86	2
St. Catherine's Home.....	8	....	8
California Hospital	92	51	41
Union Iron Works Hospital.....	14	14	....
Wakefield Sanatorium	6	2	4
Ward (Florence) Hospital.....	18	6	12
P. P. I. E. Hospital.....	1	1	....
Totals	1995	1181	814
United States Institutions.			
U. S. Marine Hospital.....	46	46	....
Letterman General (Army)	88	78	10
Presidio Reservation	3	1	2
Yerba Buena Island Naval Station.....	5	5	....
Fort Winfield Scott.....	1	....	1
Fort Mason	1	1	....
Totals	144	131	13
En route to Hospital.....	52	49	3
Bay of San Francisco.....	38	38	....
Pacific Ocean	3	2	1
On Vessels in Bay, etc.....	12	10	2
Golden Gate and other Parks.....	10	8	2
Totals	115	107	8

TABLE VI.
REPORT OF INTERMENTS, CREMATIONS AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1916-1917

TO	1916					1917					TOTALS	
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
San Francisco Cemeteries												
Calvary Receiving Vault.....	0	0	0	0	0	0	0	0	0	0	0	0
I. O. F. Rec. Vault.....	0	0	0	0	0	0	0	0	0	0	0	0
I. O. F. (For Cremation).....	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Vault.....	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Vault.....	0	0	0	0	0	0	0	0	0	0	0	0
National Presidio.....	11	7	9	12	10	9	14	13	15	8	10	14
U. S. Marine Hospital.....	0	0	0	0	0	0	0	0	0	0	0	0
Yerba Buena Island.....	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo County Cemeteries												
Cypress Lawn (Interments).....	77	70	70	73	90	101	89	85	78	97	82	70
Cypress Lawn (Cremations).....	50	39	56	56	61	87	85	65	69	60	56	64
Eternal Home.....	3	2	2	4	4	4	1	4	3	3	4	4
Green Lawn.....	6	1	8	4	9	16	15	2	7	7	7	4
Hills of Eternity.....	4	4	8	5	4	11	6	5	6	2	3	6
Holy Cross.....	159	145	141	158	151	215	201	182	164	202	175	159
Home of Peace.....	2	7	9	22	33	33	40	47	5	3	4	2
Italian.....	26	34	24	22	33	33	40	47	43	28	23	35
Japanese.....	1	1	0	0	1	2	1	1	0	1	1	0
Mt. Olivet.....	49	65	63	59	73	76	71	73	72	46	56	59
Salem.....	7	5	10	13	12	13	13	16	9	8	8	9
San Mateo—Indigent.....	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo—Chinese.....	17	12	17	22	22	20	24	20	30	23	15	12
Servian.....	1	1	1	1	0	0	0	2	0	1	2	1
Sunset—Indigent.....	31	31	36	36	45	74	68	56	66	60	60	53
Woodlawn.....	6	8	7	4	8	9	5	8	4	11	3	16
Medical Colleges.....	16	13	15	12	19	11	24	3	7	2	9	5
Outside Points.....	67	73	53	58	64	85	93	71	66	75	86	66
Mt. Olivet—Cremations.....	13	18	18	13	19	21	13	19	30	22	16	16
Total.....	546	537	547	554	635	795	762	676	674	659	620	595
No. of Indigent Dead Interred.....	39	41	41	51	59	89	63	69	82	72	66	58

TABLE VII.

REPORT OF DISINTERMENTS AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1916-1917.

CEMETERIES	1916						1917						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
DISINTERMENTS FROM.													
Calvary Cemetery	18	15	17	10	26	3	14	15	22	9	3	9	161
City Cemetery	0	0	0	0	4	0	0	0	0	0	1	0	5
I. O. F. Cemetery (Bodies) ..	15	5	8	10	2	10	8	9	6	8	1	12	94
I. O. F. Cemetery (Ashes) ..	5	0	0	0	1	0	0	0	0	0	0	0	1
Laurel Hill Cemetery	5	4	3	11	9	2	5	1	1	1	4	8	54
Masonic Cemetery	2	1	1	5	6	2	0	3	7	4	5	2	38
Mission Dolores Cemetery ..	0	0	0	0	0	0	0	0	0	0	0	0	0
National (Presidio) Cemetery ..	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital Cem.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooper Medical College	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	40	25	29	36	48	17	27	28	36	22	14	31	353
REMOVALS TO													
Cypress Lawn Cemetery	2	1	6	11	4	3	4	3	4	3	7	13	61
Eternal Home Cemetery	0	0	0	0	0	1	0	0	0	0	0	0	0
Green Lawn Cemetery	5	0	0	0	0	0	6	0	0	0	0	0	12
Hills of Eternity Cemetery ..	0	0	0	0	0	0	0	0	0	0	0	0	0
Holy Cross Cemetery	18	19	18	11	14	5	10	15	18	9	3	13	153
Home of Peace Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Italian Cemetery	0	0	0	0	5	0	0	0	0	0	1	4	10
Japanese Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Olivet Cemetery	2	0	2	7	6	8	2	3	5	6	0	0	41
Salem Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo (Chinese) Cemetery ..	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National, S. F. Cemetery	0	1	0	0	0	0	0	0	0	0	0	0	1
Woodlawn Cemetery	10	3	2	1	6	0	0	0	0	2	1	0	25
I. O. F. Crematory	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Cemetery (Ashes) ..	0	0	0	0	0	0	0	0	0	0	0	0	0
Masonic Cemetery (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
To Homes (Incinerated Ashes) ..	0	0	0	0	0	0	0	0	0	0	0	0	0
Cal. Interior (Bodies)	3	1	0	6	13	0	5	7	9	2	2	1	49
Cal. Interior (Ashes)	0	0	0	0	0	0	0	0	0	0	0	0	0
Other States	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	40	25	29	36	48	17	27	28	36	22	14	31	353
Fees collected	\$10.00		\$10.00		\$10.00			\$10.00					\$40.00

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